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Bob Johnson

ATHENS STATE COLLEGE BULLETIN 1980-81

Athens, Alabama 35611

ACCREDITATION AND MEMBERSHIPS

1. The Southern Association of College and Schools
2. The American Council on Education
3. The Association of American Colleges
4. Council for Advancement and Support of Education
5. American Association of Colleges for Teacher Education

Athens State College is approved by the Alabama State Department of Education for the training of elementary, secondary and post secondary school teachers. The Alabama State Department of Education is a member of the National Association of State Directors of Teacher Education Certification.

Athens State College does not discriminate on the basis of race, color, national or ethnic origin, religion, age, sex or marital status in admitting students to its programs or in administering its educational policies, admission policies, scholarship and loan programs, athletics and other institutionally administered programs or activities generally made available to students at the College.

Athens State College complies fully with the provision of Title VI of the Civil Rights Act of 1964. The College is an equal opportunity employer. No person shall, on the ground of race, color, national origin, or sex be subjected to discrimination under any program or activity of Athens State College. Further, Athens State College is complying with the provision of Sec. 504 of the Rehabilitation Act of 1973.

It is also the policy of Athens State College to comply with Title IX of the Education Amendments of 1972 which provides that "no person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity receiving Federal financial assistance."

Any person who believes himself/herself, or any specific class of individuals to be subjected to discrimination prohibited by Title VI or Title IX of the Act and Regulations issued thereunder may, by himself/herself or a representative, file with United States Commissioner of Education or with this institution, or both a written complaint.

This Bulletin is the official announcement of the programs, requirements, and regulations of Athens State College. Students enrolling in the school are subject to the provisions stated herein. Statements regarding courses, fees, and conditions are subject to change without advance notice.

ATHENS STATE COLLEGE BULLETIN, Volume IV
Catalog Edition

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ATHENS STATE

COLLEGE

Bulletin

Catalog Edition

of

Athens, Alabama

Volume IV Number 1

Catalog and
Announcements
for
1980-1981

*****

Founded in 1822
State Affiliated
1975

ACADEMIC CALENDAR
1980-81

Summer Quarter, 1980

Day - Classes daily, two (2) hours
Night - One night per week, four (4) hours ten (10) minutes
Weekend courses scheduled .....Friday, 6-10
Saturday, 9-5
June 6 .....Registration
June 9 .....Classes Begin
June 11 .....Last Day for Drop and Add - Day Term
June 16 .....Last Day for Drop and Add - Night Term
June 21 .....Undergraduate Record Examination*
July 4 .....Independence Day Holiday
July 9 .....Final Examinations - Day Term
July 11 .....Grades due Noon for Day Term
August 18, 19, 20, 21 .....Final Examinations - Night Term
(All grades due 12:00 noon on day following examinations)
August 22 .....Graduation - 6:00 p.m.

WEEKENDS
June 20, 21 July 18, 19
June 27, 28 July 25, 26
July 11, 12 Aug. 1,2
Aug. 15, 16

For the Fall, Winter and Spring Quarters, 1980-81 the classes will meet as follows: Day - Monday/Wednesday and Tuesday/Thursday - Schedule 4 hours 10 minutes weekly. Night - 1 night per week - 4 hours 10 minutes weekly session.

Fall Quarter, 1980

Sept. 3 .....Faculty In-Service Workshop
Sept. 4 & 5 .....Registration
Sept. 8 .....Classes Begin
Sept. 8-12 .....Late Registration
Sept. 12 .....Last Day of Drop and Add
Oct. 18 .....Undergraduate Record Examination*
Nov. 7 .....Early Registration and Advisement - Winter Term
Nov. 11 .....Veteran's Day Holiday
Nov. 17, 18, 19, 20 .....Examinations - Night Classes
Nov. 19, 20 .....Examinations - Day Classes
Nov. 24 .....Grades Due - Noon

WEEKENDS
Sept. 12, 13 Oct. 3, 4
Sept. 19, 20 Oct. 10, 11
Sept. 26, 27 Oct. 17, 18
Nov. 7, 8

Winter Quarter, 1980

Dec. 1 ..... Registration
Dec. 2 ..... Classes Begin
Dec. 2-9 ..... Late Registration
Dec. 19 ..... Noon-Christmas Holiday Begins
Jan. 5 ..... Classes Resume
Jan. 24 ..... Undergraduate Record Examination*
Feb. 6 ..... Early Registration and Advisement - Spring Term
Feb. 24, 25, 26, March 2 ..... Final Examinations - Night
Feb. 25, 26 ..... Final Examination - Day
March 4 ..... Grades Due - Noon
March 3-6 ..... Snow Days - (Faculty work days or rescheduled exams if classes are cancelled due to inclement weather)

WEEKENDS
Dec. 5, 6 Jan. 23, 24
Dec. 12, 13 Feb. 6, 7
Jan. 9, 10 Feb. 13, 14
Jan. 16, 17

Spring Quarter, 1981

SPRING HOLIDAYS March 9-13 (AEA)

March 16 ..... Registration
March 17 ..... Classes Begin
March 17-24 ..... Late Registration
March 24 ..... Last Day of Drop and Add
April 4 ..... Undergraduate Record Examination*
May 21, 25, 26, 27 ..... Examinations - Night
May 25, 26 ..... Examinations - Day
May 28 ..... Grades due by noon
May 30 ..... Graduation - 9:30 a.m.

WEEKENDS
Mar. 20, 21 Apr. 24, 25
Mar. 27, 28 May 1, 2
Apr. 10, 11 May 8, 9
Apr. 17, 18

*For those students whose religious beliefs prohibit Saturday examinations, alternative dates may be arranged. Contact Dr. Joe Slate, Department of Psychology.

NOTICE CONCERNING LATE FEES:

For purposes of definition, registration for classes for any term is considered incomplete until proper payment is received by the College to cover all charges.

Late fees will be assessed under the following circumstances:

1. Against all students who register after the regularly scheduled registration dates and times, or who fail to complete registration at the regularly scheduled period:

2. Against all students at off-campus sites who fail to complete registration during the regularly scheduled registration period at that off-campus site, unless such student shall register on campus during the regularly scheduled on-campus registration period. In the latter case, however, if the regularly scheduled registration period on-campus is after the beginning date of the off-campus class for which the student attempts to register, the late fee will be assessed. Without exception, students attempting to register at the first class session, or after classes begin, shall be assessed the late fee.

*Each registration date noted is for the main campus. Off campus registration dates will be established later and students notified.

**Following the published registration date at off campus sites and during this period on the main campus, students must pay a late fee of $10.00. No registration is permitted after this period.

CLASS SCHEDULES

Monday/Wednesday Day Classes and Tuesday/Thursday Day Classes	8:00 - 10:00
	10:10 - 12:10
	1:00 - 3:00
	3:10 - 5:10
Night Classes (On and Off Campus Sites) (10 minute break)	6:00 - 10:10 p.m.
Summer Day Term - Classes Meet Daily	8:00 - 10:00
	10:10 - 12:10
	1:00 - 3:00
	3:10 - 5:10
Weekend	Friday, 6:00-10:00
	Saturday, 9:00- 5:00

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ATHENS COLLEGE
a liberal arts college
1822
Athens Female Academy
founded by patriotic citizens
1843
Raised to college level
under Methodist patronage
First college building
Founders Hall (1842-3)
still used for classes
Unbroken service since 1822

GENERAL INFORMATION

HISTORY

Athens State College, during the academic year 1975-76, became simultaneously the oldest and youngest institution of higher education in the State Education System. It was founded in 1822 by citizens of Athens who purchased five acres of land, erected a building, and began Athens Female Academy. Athens State College is the oldest chartered institution of higher education in the State. Ownership of the school was transferred to the Tennessee Conference of the Methodist Church in 1842. With the birth of the North Alabama Conference of the Methodist Church in 1870, the College came under the jurisdiction of that body.

The Board of Trustees voted in May, 1974, to request approval from the North Alabama Conference of the United Methodist Church for the College to seek affiliation with the State of Alabama. The Conference, at its annual meeting, in June, 1974, gave the College Trustees this permission and authorized the transfer of the College to the State of Alabama at the appropriate time.

On June 11, 1975, the College was accepted by the Alabama State Board of Education subject to the appropriation of operating funds by the legislature. On November 18, 1975, the legislature appropriated funds for the operation of the College to serve the community college and technical college graduates of the State, thus ending a series of steps required by the State Board of Education for Athens College to become Athens State College, the youngest State institution.

The name of the institution has changed depending upon purpose and governing body of the institution. Athens Female Academy, upon transfer to the Tennessee Conference of the Methodist Church in 1842, became Athens Female Institute of the Tennessee Annual Conference of the Methodist Church. Then in 1889 after having been transferred to the newly formed North Alabama Conference, the College was known as Athens Female College. In 1931, the College became coeducational and was known as Athens College. On November 24, 1975, the name became Athens State College. Each step reflects conscientious effort to preserve an institution whose goal is service to the students of Alabama. State affiliation marks the initiation of an era of increased opportunity for service. This long history of dedicated service is the foundation upon which the future of Athens State College rests.

PURPOSE

Athens State College is a two-year, upper division college, operating under the auspices of the State Board of Education, serving primarily graduates of junior colleges and technical schools of the state. The college provides an education for qualified individuals who seek to develop further their general knowledge, technical or professional skills, and strives to transmit to each student the knowledge and skills necessary to prepare him or her for immediate service in a profession or vocation, for flexibility in future employment, for success in graduate school and for enrichment of daily life.

The College extends educational opportunities to the greater community through public services and a selective outreach program. It seeks to search for new knowledge through the implementation of service and research projects. Athens State College proposes to educate students for service to society and for a fulfilled life.

ADMISSION REQUIREMENTS AND PROCEDURES

1. Students who may be admitted to Athens State College must have a high school diploma or the equivalent thereof and fulfill one or more of the following requirements:

   A. Graduate with the Associate Degree from an institution accredited by the Commission on Colleges of the Southern Association of Colleges or another regional accrediting agency.
   B. Complete eighty-six (86) quarter hours with a "C" cumulative grade point average from an accredited institution. (Students attending an Alabama State Junior or Community College must have written permission from the Academic Dean of that Junior or Community College to be admitted to Athens State College prior to completing ninety-six (96) quarter hours of study.)
   C. Hold certification of satisfactory completion of an accredited professional, medically-related, fine arts, or other post secondary training program and/or hold a state or national license in that vocation, (These students are admitted as special students.)
   D. Graduate from a six quarter or longer program from accredited Technical College or Institute. (These students are admitted as special students at Athens State College.)
   E. Graduate from an institution not accredited by a recognized regional accrediting agency. (These students may be provisionally accepted as special students.) (See Academic Regulations, paragraph 21f).

2. Persons who do not meet normal admission requirements with formal course work may be admitted as special students on the basis of prior extra-institutional training or skill attainment, through a stringent program of evaluation by the Academic Council based on standards established by the American Council on Education. Students are cautioned that the nature of this work and/or skills must be able to bear the scrutiny of an academic accrediting agency, and that the work or skills be equivalent to college-level work. Individuals who believe they can qualify under this provision should contact the Athens State College Admissions Office for further information. It is stressed that no formal evaluation of non-traditional materials will take place until the potential student makes written application to the College, pays the application fee, provides copies of all materials or evaluation including official transcripts of any formal training and successfully completes one quarter of study.
3. In certain cases students who have attained at least eight-six (86) quarter hours credit but have a cumulative grade point average of less than 2.0 (4.0 scale) may petition to the Admissions Committee and be admitted upon committee approval. In such cases, only those courses in which a grade of "C" or better was earned may transfer on initial entry. After completion of one quarter of successful study at the College, some "D" transfer work may be petitioned for credit through the advisor and with the approval of the Academic Dean. In no case will a "D" transfer if it will cause the cumulative GPA to drop below a 2.0 at Athens State College. Students who have been suspended for any reason from another institution are inadmissable to Athens State until such time as they may be readmissable to the original institution.
4. Students who do not qualify under either of the above provisions but who wish to take certain service or self-improvement courses may be offered limited enrollment as a special student and shall be limited to a maximum course load of ten (10) quarter hours per quarter.
5. Athens State College welcomes the foreign student applicant, and applies the following criteria to the admission process for all foreign students:
   A. Generally, to be considered for admission, students from a non-English speaking country must be associates degree holders from an accredited junior, community, or technical college of the United States.
   B. All applications, transcripts, and other credentials must be submitted to the College for review by the admissions committee *prior* to the acceptance or enrollment of the student.

C. All foreign students, unless married and living with spouse in the normal commuting area of the College, will be required to live in the College dormitories.
D. As a matter of policy, the College shall restrict its foreign student population so as not to exceed 10% of the total residential population within the dormitories, and shall further seek to assure the maintenance of an equal global representation.
E. Foreign students, once cleared for admission to the College, will be required to place on deposit with the business office of Athens State College, $1,000 U.S., as a guarantee against the fluctuation of international currency exchange rates. Such deposits shall be required of all foreign students without exception, whether full or part-time students, and such deposits shall not be returned to the student until he or she permanently separates from the College, or until the final quarter preceding his or her graduation, whichever comes first. This deposit shall preclude the usual dormitory damage deposit, for foreign students.

PROCEDURES

All students applying for admission to Athens State College must complete the following procedures:

1. The application for admission must be completed and returned to the College accompanied by the required application fee of $15.00. This fee is to cover the cost of processing the student's file and is neither refundable nor applicable to tuition.
2. Official transcripts from each college previously attended are required. The applicant must request that these be sent directly to Athens State College, Attn: Office of Admissions, Athens, Alabama. A student completing a program at another institution and seeking enrollment at Athens State College without sufficient time to arrange for official trancripts prior to registration may be admitted as a "conditional student" with all privileges of a regular student for the quarter. The student admitted under this provision must cause all official transcripts to be received in the Admission's Office prior to the end of the quarter in which he or she first enrolled in order to be eligible to receive grades for work attempted at Athens State College.

ACADEMIC REGULATIONS

1. A student must successfully complete a minimum of one hundred ninety-two (192) quarter hours of credit or the equivalent to receive a baccalaureate degree from Athens State College.

2. A student must complete at least ninety-six (96) quarter hours of credit or the equivalent applied toward the degree from an upper division institution.
3. Forty-five (45) of the last fifty-four (54) quarter hours of study for the degree must be completed at Athens State College of which fifteen (15) quarter hours of study is required on the main campus.
4. All students must complete a minimum of sixty-three (63) quarter hours in courses at the 300 and 400 level.
5. The common core of general education courses for all degrees offered at Athens State College includes:

   English Composition .....10 quarter hours
   Literature .....10 quarter hours
   History .....10 quarter hours
   Science and Mathematics .....15 quarter hours
6. Students who have graduated with the Associate Degree from an institution accredited by the Commission on Colleges of the Southern Association of Colleges or another regional accrediting agency should be able to complete degree requirements with ninety-six (96) quarter hours of study provided the student has not changed his/her major.
7. Students who do not hold the Associate Degree should anticipate completing additional courses to satisfy general education requirements.
8. Each student must earn a grade average of 2.0 (on a 4.0 scale). Repeated courses are counted only once with the last recorded grade used in computing the grade point average.
9. After achieving junior status (or ninety-six (96) quarter hours), a student may not transfer credit for courses taken at a junior college except by prior written permission from the Academic Dean of Athens State College.
10. Extension or correspondence credit (eighteen (18) quarter hours maximum) taken while a student at Athens State College must be from an accredited college or university and will not be accepted without prior written permission from the Academic Dean after petition through proper channels beginning with the advisor.
11. A student expecting to receive a degree from Athens State College should apply for graduation not later than the registration period of the term in which he or she expects to graduate.
12. A student must satisfactorily meet all College requirements and obligations before the degree is awarded.
13. Students must be present for the conferring of degrees. Only in cases of emergency may a student petition the Academic Dean for permission to receive the degree in absentia.

14. Students completing degree requirements may be provided with certified evidence to that effect prior to formal conferral of degrees.
15. Students graduating from Athens State College must have Undergraduate Record Examination scores on record at Athens State College at the time of graduation.
16. Transfer students who have completed a major before enrolling at Athens State College will be required to take selected courses for the major at this institution. The student should review the specific course requirements described under the desired major for further details.
17. Transfer students from four-year accredited colleges or universities may transfer any number of credits to Athens State College; however, at least forty-five (45) of the final fifty-four (54) quarter hours must be completed at Athens State College for the student to be eligible to receive a degree from this college.
18. Credit may be accepted from professional schools and colleges, College Level General Education Programs, College Level Examination Program (CLEP), United States Armed Forces Institute, educational experiences in the Armed Forces and other similar sources. Transient credit may also be transferred when such coursework is taken with the permission of the Academic Dean. Transfer credit is computed on the basis of quality and applicability to the purposes and program of Athens State College.
19. Students who seek a second degree must meet all admission requirements, complete all catalogue requirements for the major in that degree and must complete a minimum of forty-five (45) quarter hours in residency at Athens State College beyond the conferral date of the first degree.
20. Non-Traditional Credit
    A. Students may receive a maximum of forty-five (45) quarter hours from acceptable level scores on the CLEP General Examination. CLEP General Examinations are accepted as lower division credit and may be accepted only in courses for which the student has not completed college level courses.
    B. A maximum of ninety-six (96) quarter hours of non-traditional credit including CLEP, etc. may be applied to a degree at Athens State College. (No credit duplications between college courses, non-traditional credit and CLEP credits will be allowed toward any degree from Athens State College.)
    C. Prior to enrollment at Athens State College a student may be given an estimated value in credit hours of non-

traditional credits. After successfully completing one quarter, and upon submission of proper documentation to the Academic Council, the student will be given a written statement of non-traditional credit acceptable at Athens State College.

D. Graduates of institutions not accredited by a recognized regional accrediting agency may be tentatively accepted on provisional admission status until the student has completed thirty (30) quarter hours with a grade point average of 2.3 (on a 4.0 scale) or better at Athens State College. By meeting the above provision, these students will be classified as regular students. Religion courses accepted from non-accredited schools will only serve as electives and will not apply toward a major or minor.

E. The student who wishes to receive non-traditional credit should submit a detailed chronological listing of his or her experiences with proper documentation to the Academic Council. After Council review, based on the standards established by the American Council on Education and other accrediting or leadership agencies, the recommended credits may be placed on the student transcripts.

F. The Academic Council will review chronological listing and documentation of non-traditional credits for students *only once*.

21. Regulations for a Student Seeking a Bachelor of Science in Education Degree.

A. A secondary education student must have a major and a minor area of study approved by the Education Division.

B. Education students must complete requirements for admission to the Division as outlined in the preliminary comments under the Division of Education offerings.

C. All students should plan to complete the materials and methods courses at Athens State College. Students who desire to transfer credits in the materials and methods courses will be required to demonstrate selected competencies as described in the program of study approved by the State Department of Education.

22. Certain students who have definitely fixed career objectives and academic needs not satisfied by stated curricula may, in counsel with the Academic Dean and the Division Chairperson (s), enter into a graduation contract with an individually tailored academic program designed to fit his or her needs. Such contracts are not less demanding than regular programs and are determined not only by career objectives, but also, by factors in the student's background such as Armed Forces training and experience. Certified professional train-

ing and experience and national tests and challenge examinations administered by Athens State College are considered in developing the conditions of such contracts.

23. Since Athens State College grants the Baccalaureate degree only, course credit taken at the graduate level or applied toward a graduate degree will not be accepted at Athens State College or recorded on the Athens State College transcript. However, specific courses may be used as a substitution or a waiver for a specific course in the Athens State College degree program but will not decrease the total hours residency required for that degree program.

COLLEGE REGULATIONS AND INFORMATION

CREDIT HOURS AND GRADE POINTS

The Athens State College calendar consists of quarter-length terms; the unit of credit is the quarter hour. Course descriptions indicate the number of quarter hours which may be earned for a particular course.

For each hour of credit in a subject, the letter grade is equated to grade points as follows:

"A" 4.0 points	"W" 0.0 points
"B" 3.0 points	"F" 0.0 points
"C" 2.0 points	"I" 0.0 points
"D" 1.0 points	"NG" 0.0 points

A student's scholastic average over any period is computed by dividing the total number of grade points accumulated by the total number of hours which the student has attempted. If a student has received an "I" or "F" and the work is repeated, the appropriate grade points for only the last attempt will be used to compute the grade point average. In courses repeated for any reason, the grade point average is computed on the last attempt only. In order to qualify for a degree, a student must complete the degree requirements with a cumulative grade point average of 2.0 and at least a 2.0 in his or her major field. However, individual departments may require a higher grade point average.

Any student failing to attain an acceptable average may be suspended or dismissed from the College rolls.

CLASS HOUR LOAD

An average course load for a full-time student is fifteen (15) to twenty (20) quarter hours per quarter. A student who wishes to take more than twenty (20) quarter hours must have written permission from the Academic Dean.

REPORT OF GRADES

The scholastic record of each student is mailed to him or her at the end of each quarter. Grades are reported as follows:

"A" Excellent	"W" Withdrawn
"B" Above Average	"NG" No Grade
"C" Average	"F" Failure
"D" Inferior	"I" Incomplete

Grades of "I" are changed to "F" if the work in the course is not completed within the next quarter of attendance. For the purpose of computation, "I" is always rated as "F." An "I" will be permanently changed to an "F" after remaining on the transcript for a maximum of twelve (12) months.

ACADEMIC ADVISING

Upon admission to Athens State College each student is assigned an advisor from the department of his/her major subject by the Division Chairperson. The advisor assists the student academically as required. Students should confer with their advisors at least once each quarter. The advisor will assist the student to plan the program of study of each quarter until the degree is completed. If a student experiences any academic difficulty the advisor is available during scheduled office hours to assist. Although faculty advisors assist students in planning their academic programs, each student is responsible for acquainting himself or herself with the requirements for the degree toward which he or she is working. Each student bears final individual responsibility for meeting all degree requirements. All adjustments of curriculum must be approved by the Academic Dean.

CHANGE OF MAJORS

A person who changes majors must confer with an advisor in the area of change, as well as confer with his or her present advisor. Often a change of program will necessitate the student's having to complete more than the minimum hours required for the desired degree.

DROP AND ADD POLICY

For a period specified in the College Calendar immediately following regular registration periods, courses may be dropped and other courses added upon completion of the following procedure:

(1) secure permission from the Academic Advisor, (2) complete the appropriate forms in the office of the Academic Dean, (3) make payments as required in the Business Office. Please note: Those attending colleges and receiving Veteran's benefits must check with the VA officer prior to making a change in schedule.

WITHDRAWAL POLICY

A student may withdraw from a course with a grade of "W" at any time during the first six (6) weeks of the regular quarter. After this date, a withdrawal with a "W" will only be possible in case of extenuating circumstances such as prolonged illness, official government orders, etc. or certification by the faculty member concerned that the student is passing the course.

During the Summer School Quarter, the above privilege will apply during the first half of the total scheduled class meetings.

Withdrawal from classes is not complete until the student has been cleared through the Academic Dean's office and the Business Office. Special regulations pertain to those receiving VA benefits and these individuals should confer with the VA officer prior to initiating a withdrawal action.

ACADEMIC PROBATION POLICY

The Athens State College policy relating to unsatisfactory academic progress is designed to assist the student in meeting and maintaining a level of achievement that will assure reasonable progress towards graduation. All students should be aware that a cumulative grade point average of 2.0 on a 4.0 scale is a minimum requirement for graduation. Some divisions may require a higher grade point average. Students should consult the section of the catalog relating to the major requirements.

An academic review of each student's record occurs at the completion of each term. Any student whose grade point average at Athens State College falls below 2.0 is immediately placed on Academic Probation. Such status is continued until the cumulative grade point average of at least 2.0 is again attained. Students whose subsequent grades indicate improvement but fail to raise the grade point average to 2.0 will be placed on Continued Probation (normally not more than three terms) to allow time to repeat courses or otherwise raise their grade point average to the 2.0 minimum. However, any student who fails to attain at least a 1.0 grade point average during any term may be dropped for poor scholastic standing.

Students who are dropped for poor scholastic standing may be readmitted to the College only upon petition to the Readmission Committee. Such students are not automatically readmitted.

Upon readmission after being dropped for academic reasons, the student is placed on Restrictive Probation. Students on Restrictive Probation must maintain a mimimum 2.0 grade point average each quarter. Failure to maintain the required 2.0 after being placed on Restrictive Probation will cause the student to be placed on Indefinite Suspension, and dropped from active student status.

Students placed in Indefinite Suspension will not be considered for readmission for at least one full academic year. The student must make a written request to the Readmission Committee at least one month prior to the registration period of the intended term of re-entry.

Students with Probationary Status at Athens State College cannot receive permission to take course work from another institution. Credit earned at another institution may not be used to clear probationary status at Athens State College.

NOTE: A grade of "I", indicating an incomplete grade, is computed as an "F" and will be computed into the grade point average in determining a student's probationary status.

REPEATED COURSES

Students who have made an unsatisfactory grade in a course and who wish to repeat the course to earn a higher grade must repeat the course at Athens State College. All grades earned with Athens State College will be listed on the official transcript, but only the last course attempted will be used in computing the grade point average and will apply toward the degree.

THE TESTING PROGRAM

Students graduating from Athens State College must have the Undergraduate Record Examination, the Graduate Record Examination, or the National Teacher's Examination on record at Athens State College at the time of graduation.

The Undergraduate Record Examination is given each quarter on the Athens State College campus with date and time to be announced.

CLASSIFICATION WITH STANDING

Juniors - Those students who have earned a minimum of ninety six (96) quarter hours of credit or who have received an associate degree from an accredited two year college.

Seniors - Those students who have completed a minimum of one hundred forty-four (144) quarter hours of credit.

Special - Those students not seeking a degree.

UNCLASSIFIED, NON-DEGREE, AND SPECIAL STUDENTS

Unclassified students are those special students who have not met the usual requirements for admission. A special student of this sort should not circumvent attendance at the junior college. Such students should report directly to the Academic Dean for advising. Upon meeting requirements set forth by the Academic Dean they may be admitted to degree seeking status. Records are kept of the work completed and credits are transferable to a degree program.

CONTINUING EDUCATION UNITS

Athens State College does not accept continuing education units (CEU) for academic credit.

TRANSIENT CREDIT

Any student in good standing who desires to take a course at another college and transfer credit to Athens State College must first petition to do so through the advisor. A letter of permission must be obtained from the Registrar's Office. Once a student has reached junior standing, special permission must be obtained from the Academic Dean to return to a junior college (this is normally limited to prerequisite courses).

Students on probation are ineligible to enroll for transient credit at other institutions.

CLEP GENERAL AND SUBJECT EXAMINATION SCORES

GENERAL EXAMINATION	Score	Credit
English (60 min. test) (meets requirements for English Composition I & II)	500	10 qtr. hrs.
English (90 min. test) (meets requirement for English Composition I & II)	600	10 qtr. hrs.
Humanities (60 min. test) (meets requirement for Fine Arts elective and Literature I)	452	5 qtr. hrs. 5 qtr. hrs.
Mathematics (60 min. test) (meets requirement for College Math or College Algebra)	500	5 qtr. hrs.
Natural Sciences (60 min. test) (meets requirement for General Biology I and Physical Science I)	450	5 qtr. hrs. 5 qtr. hrs.

Social Science/History (60 min. test) (meets requirement for SocialScience elective only)	457	10 qtr. hrs.

All General Examination CLEP is accepted as freshman level credit.

Although credit may be awarded as credit by the College, applicability toward the degree program is determined by the department or division concerned.

Subject examination scores are acceptable with a minimum score equivalent to a grade of "C" or better.

ADVANCED STANDING WITH CREDIT - CHALLENGE EXAMINATIONS

In some subject areas, challenge examinations may be arranged. Students interested, should initially contact the Academic Dean for information and clearance to proceed. Such examinations when successfully completed, may be used as a basis for credit for the specific course challenged. See section on special and incidental fees for costs.

TRANSIENT STUDENTS

Applicants who wish to be admitted to Athens State College as transient students must provide the Director of Admissions with a letter of permission from the Academic Dean of the institution in which they are currently enrolled and must complete application for admission to Athens State College.

REQUEST FOR TRANSCRIPT OF CREDIT

In compliance with the Family Educational Rights and Privacy Act, Athens State College releases transcripts of a student's credits in accordance with the guidelines published in the section on Release of Educational Records. A student or former student who desires a transcript from Athens State College should write to the Registrar, giving the dates of attendance and the name of the institution or person to whom the record is to be released. Oral requests are not honored. Students should be sure to state all names which may have been entered on their college educational records. A student may secure an unofficial transcript for personal use, but official transcripts are sent only to other college or organizations for reference purposes. Transcripts are unofficial when delivered "by hand.".

Each student is entitled to one transcript without charge. The transcript fee is charged for each additional transcript, whether it is an official or unofficial copy.

POST GRADUATES FOR CERTIFICATION ONLY

Students holding a degree from another institution and taking courses at Athens State College for teacher certification are required to submit two (2) copies of all official transcripts from each institution previously attended. Students seeking a second degree must be admitted as a regular student and meet all admissions requirements including supplying all official transcripts from all colleges attended. Individuals seeking evaluation for an Alabama State Teacher's Certificate must apply to the College and submit official transcripts before official evaluation and recommendation may occur.

AUDITED COURSES

Upon recommendation of his or her advisor, and with the approval of the Academic Dean, a student may audit a non-laboratory course. Students should attend class under the same obligation as the credit student although they are not required to complete scheduled examinations. Standard registration procedures apply. The cost is one-half the regular tuition cost plus the appropriate fees. No change from audit to credit is allowed.

CLASS ABSENCES

Every class in the College curriculum is designed to present new material at each class meeting. Therefore every student should attend all scheduled classes, laboratory sessions and discussion sessions. The student absent from any session misses part of the subject matter of the course. Viewed from this standpoint, there is no basis for differentiating between "excused" and "unexcused" absences. To derive full benefit from the course of study, it is necessary that the student do the work prescribed in each class session.

Records of absences are kept by the faculty and recorded in the office of the Academic Dean. Penalties for absence may be assessed by the faculty member concerned.

ACADEMIC HONORS AND AWARDS DAY

During the commencement period each spring there is a special honors convocation at which students who have outstanding academic achievements are recognized. Recognition includes awards such as Outstanding Junior, Outstanding Senior, and Outstanding Achievement in major areas. To be eligible for selection for special convocation recognition, students must have twenty (20) quarter hours credit in residence on record at Athens State

College. After eligibility is established, all graded college work (transfer and Athens State College) will be combined to determine the final honor or award recipient.

PLACEMENT SERVICES

The Placement Services Coordinates the placement activities for graduating seniors and alumni. The service is available to persons seeking positions with business, industry, government, or educational systems. Counseling concerning employment opportunities is provided for all students, and active assistance in locating positions is given to graduates. Interviews with prospective employers who visit the campus for recruiting purposes are arranged throughout the year. This office also assists undergraduate students in locating part-time, full-time, and summer employment off campus.

DEAN'S LIST

The Dean's List is published each quarter and includes the names of the students who have attained a 3.75 through 4.00 grade point average on at least 15 quarter hours of course work for a specific term.

HONORABLE MENTION LIST

The Honorable Mention List is published each quarter and includes the names of the students who have attained a 3.50 through 3.75 grade point average on at least 15 quarter hours of course work for a specific term.

DEGREES WITH DISTINCTION

Three grades of honor are designated for the degrees granted. They are as follows:

SUMMA CUM LAUDE is awarded to the student who has earned a grade point average of 4.0 during his or her college career.

MAGNA CUM LAUDE is awarded to the student who has earned a grade point average of 3.75 during his or her college career.

CUM LAUDE is awarded to the student who has earned a grade point average of 3.5 during his or her college career.

To be eligible for honors a student must have regular academic course credit on record for at least one-half the total hours applied towards the degree awarded.

VETERANS

Veterans of the Armed Services may combine credit from United States Armed Forces Institute courses, educational experiences in the Armed forces, and College Level General Education Development credit toward the degree requirement at Athens State College if the documentation of these experiences upon review and evaluation by the Academic Council is found to be appropriate for the degree. A full-time class load in a quarter for a veteran is twelve (12) quarter hours or more; nine (9) quarter hours is seventy-five percent (75%) time; six (6) quarter hours is one-half (50%) time. Less than 6 quarter hour is tuition only. The student receiving VA Educational Benefits should complete necessary documents for VA benefits at each registration. (See Athens State College Policies and Procedures for Veterans.)

VETERANS EDUCATIONAL BENEFITS AND REQUIREMENTS

Educational assistance and subsistence allowance: All current VA regulations are applicable.

Tutorial Assistance is available through the Veterans Administration. An eligible veteran may request tutorial assistance valued at up to $69 per month or an overall maximum of $828. Interested students contact the campus VA officer for further information.

Counseling services may be made available to eligible veterans on request. Such services includes educational and vocational counseling, guidance, testing, and any other assistance deemed by the VA as necessary to the veteran's selection of an educational or training objective or an employment objective.

Satisfactory Progress - Each enrolled veteran should have met with his or her assigned academic advisor, secured an appropriately annotated standard sheet as a plan of study. Only courses which are required for that plan of study or electives within the allowable limit should be scheduled.

Students should complete standard registration procedures and then attend each class regularly and punctually. During the period of study each veteran should seek to maintain at least a "C" or satisfactory academic average. If problems arise, the veteran should seek counsel from the instructor to determine the cause of the problem and to seek alternatives. As noted earlier both counseling and tutorial assistance are available upon request.

If veterans are not regular in attendance and if they are not making satisfactory progress, the veterans officer of the College should be notified immediately.

Students receiving Veterans Administration benefits will be automatically reported to the V.A. Regional Office for unsatisfactory progress at any time 13 or more quarter hours of "F" are obtained or at any other time unsatisfactory progress is determined.

Veterans are advised to confer regularly with the campus VA office regarding their status.

Students who are dismissed, may after one quarter, petition the Admission committee for readmission under a restrictive probation status.

EDUCATIONAL BENEFITS FOR VETERANS

Many current publications describe in complete detail the educational programs authorized by Congress under the following federal acts: Public Law 16 (Vocational Rehabilitation,) Public Laws 894 and 815 (Vocational Rehabilitation Revised), Public Laws 634 (War Orphans Educational Assistance Act) and Public Law 358 (Veterans Readjustment Benefits Act of 1966).

Athens State College is fully approved by the Veterans Administration to give training under these laws. Veterans planning to attend school under one of these laws should make application either directly to the Veterans Administration or with the Veterans Affairs Office at ASC.

Veterans Educational Benefits will give the student a monthly stipend which varies according to the amount of time spent in school each quarter and the number of dependents.

Athens State College does not participate in the advanced pay program. The first payment may be received approximately six weeks after the student enrolls.

Eligible veterans may also qualify for additional VA benefits. These are Tutorial Assistance, VA Work Study Program, and VA Educational Loans.

For complete information about these programs contact the Coordinator of Veterans Affairs, Athens State College.

Determination of eligibility and clarification of available Federal and State benefits may be accomplished by consulting the following:

General Information

Federal—Consult Veterans Administration Office, Montgomery, Al 36104

State—Consult Department of Veterans Affairs, P.O. Box 1509, Montgomery, Alabama 36102

Social Security—Consult the local or county Social Security Office.

Vocational Rehabilitation—Consult the State Rehabilitation Office, Box 461, State Office Building, Montgomery, Alabama 36104

TUITION

The charge of $15.00 per quarter hour includes tuition and a student activity fee.

TUITION - OUT-OF STATE AND FOREIGN STUDENTS

The charge for Non U.S. citizens and out-of-state students is thirty dollars ($30.00) per quarter hour for tuition including a student activity fee.

DORMITORY

Room* - $150.00

*Subject to a $45.00 per quarter additional charge for single occupancy. Total fee is due at registration.

MEAL PLAN

per qtr.	**$130.00	5 meal/week
	$310.00	12 meal/week
	$348.00	20 meal/week

**Tentative: may vary with food service contract.

Meals are also available on an "a la carte" basis. Meal tickets may be purchased from the cafeteria.

FEES AND EXPENSES

All fees are due and payable at registration. No student will be allowed to defer payments.

RETURNED CHECKS

Students whose checks fail to clear their bank accounts, for whatever reason, including "Insufficient Funds", "Account Closed" or "Payment Stopped", must pay $5.00 returned check fee. If the check in question is for payment of tuition; an additional $10.00 late fee will be charged.

All checks not cleared are forwarded to the Attorney General in Montgomery for collection.

GRADES WITHHELD

Students failing to meet their financial obligations to the College may have their quarterly grade report and all other academic transactions withheld until such obligations are cleared through the Business Office. Such obligations include tuition payment, room rent, fees, parking fines, library fines, overdue library books, returned checks, dormitory damage, returned check fees, and student loans.

SPECIAL AND INCIDENTAL FEES

The following is a tentative list of Special and Incidental Fees which are not listed elsewhere. The specific fee is subject to State Board approval.

Practice Teaching	25.00
Music (Piano, Organ, Voice) Half hour lesson	30.00
Special Course Fee (Labs, Off Campus, etc.)	15.00
Typing Fee	5.00
Undergraduate Record Examination Fee	5.00
Late Registration Fee	10.00
Drop or Add	5.00 per change
Transcript of Grades (after first request)	1.00
Graduation Fee	25.00
Audited Courses	7.50 per hour
Key deposit	2.00
Advanced Standing with Credit Exam	7.50
Recording of Advanced Standing with Credit Grades	14.00 per hour
Returned Check Fee	5.00
Parking Decal	1.00
I.D. Card	1.00 time issued

REGULATIONS

1. Each dormitory student is required to have a post office box, and full-time commuting students should have one. The cost is included in tuition and fees.
2. Identification decals are required for vehicles operated and parked on the campus and can be obtained from the Post Office during registration or the telephone switchboard after registration. There is a $1.00 charge for each vehicle registered. Night students may go by the Evening Academic Office in the Sandridge Center to obtain a decal.

REFUNDS

Refunds are made only after an Official Withdrawal Information Form, obtained from the Office of the Registrar and duly completed, is filed with the Business Office. The date of the Official Withdrawal Form which is received by the Business Office determines the refund period. Tuition for the regular academic year is refundable as follows:

WITHDRAWAL DATE	PER CENT REFUNDABLE*
Prior to beginning of classes	100%
During the first week	75%
During the second week	50%
During the third week	25%
After close of third week	00%

*This percentage is calculated on the net amount after the non-refundable portion has been deducted. Fees are non-refundable.

Room and board are pro-rated weekly; any part of a week shall constitute a full week.

Refunds for the summer term are prorated on the same percentage of class meetings as noted earlier.

In unusual circumstances such as illness, official government orders, etc., students may petition the Administrative Council for special consideration for refunds.

The College reserves the right to suspend or expell students whose conduct is disruptive to the College purposes and environment; in such cases no refund will be made.

Due to the fact that priority is given to the completion of student schedules the beginning of each quarter, refund checks will not normally be issued before the end of the sixth week of the quarter.

FINANCIAL AID

The administration and faculty of Athens State College believe that any serious student should have an opportunity to pursue a college education regardless of his or her financial resources. To further this belief, the College maintains a vital financial aid program.

A sample listing of sources for financial assistance appears below:

1. Basic Education Opportunity Grant
2. College Work Study Program
3. Supplemental Education Opportunity Grants
4. Veterans Educational Program
5. Named and Endowed Scholarships and Grants

Students wishing to apply for admission and desiring financial assistance through the College must submit an Athens State College application for financial aid together with either a Student's Confidential Statement, if the student is legally independent of his or her parents or guardian, or a Parent's Confidential Statement, with the Application for Admission. Necessary forms may be obtained from the Office of Financial Aid, Sanders Hall, Athens State College, Athens, Alabama, 35611.

Filing of the above applications, together with a statement of the amount of assistance required, will automatically make the student eligible for consideration for all forms of financial assistance available from the College. Endowed scholarship funds, as available, will be awarded to students according to the guidelines established by the donors.

STUDENT LIFE

SPORTS

In intercollegiate sports Athens State College is an active member of the Southern States Conference including colleges from Alabama and Mississippi. Also the College is a member of the National Association of Intercollegiate Athletics.

Athens State College is a participating member of the Alabama Association of Intercollegiate Athletics for Women, and the American Intercollegiate Athletics for Women. Financial aid may be available to athletes.

INTERCOLLEGIATE ATHLETICS

The intercollegiate athletic program at Athens State College is an integral part of the total educational program. The basic aims of the intercollegiate athletic program at this institution are as follows:

1. To provide a well-rounded schedule of intercollegiate athletic competition participation by a segment of the student body, which complements and is consistent with the educational goals of the institution.
2. To encourage physical fitness and the emotional control; to foster good sportsmanship, school spirit, and loyalty; and to present opportunities to participate at a high level of competition.
3. To provide an opportunity for the student body to witness and enjoy good intercollegiate athletic competition.
4. To provide opportunities for students with superior athletic talents to participate fully in organized competition with students of similar ability from other colleges and universities.

ACTIVITIES

In addition to sports, dramatic, musical, and social activities of the various clubs and fraternities, the Student Government Association promotes social and cultural activities throughout the year. The Special Activities Committee of the SGA schedules events which include dances, beauty reviews, elections, concerts by recording artists, and a series of cultural events.

INTRAMURAL AND RECREATIONAL PROGRAM

The Intramural and recreation program is directed by the Department of Health and Physical Education. Excellent on-campus facilities afford a wide range of activities which promote a spirit of competitiveness, fellowship, and sportsmanship. These facilities may be used at the scheduled periods of operation by all students

and their families. Among the more popular activities are football, softball, basketball, tennis, golf, swimming, pingpong, billiards, bowling, and archery.

STUDENT GOVERNMENT ASSOCIATION

All members of the student body belong to this organization. Officers and class representatives are elected annually.

AUTOMOBILE

Athens State College grants the privilege of operating a motor vehicle on campus. Students must secure a parking sticker during registration and adhere to parking regulations as defined in the Athens State College **"A" Book.**

LIVING ARRANGEMENTS

Athens State College has four modern fully air conditioned dormitories available for student housing. A college cafeteria provides an excellent food service for students.

STUDENT RESPONSIBILITY

All students are held fully responsible for knowledge of all Athens State College rules and regulations as stated in this catalog, the **"A" Book,** and as may be posted from time to time on bulletin boards.

STUDENTS AFFAIRS CHANNEL OF COMMUNICATION

Each student has the right to express an opinion make a suggestion, or submit a grievance. For the simplest and most direct action, the student should use the channels below in the order presented:

1. The Student Government Association
2. Director of Student Personnel Services
3. The Academic Dean of the College
4. The President of the College

This channel of communication is for use in the student affairs area only. Opinions, suggestions, questions, or grievances relating to the academic area should be directed to the Academic Dean.

STUDENT RECORDS

In accordance with Public Law 93-380, The Family Educational Rights and Privacy Act of 1974, all students and former students of Athens State College have the right to inspect their official educational records in the Registrar's Office. This right of inspection does not apply to any confidential information submitted to this office prior to January 1, 1975, nor to access by students or former

students to financial records of their parents. This Act also limits the release of information by the College concerning a student without the student's permission.

The Family Educational Rights and Privacy Act in its entirety is available at the College for student reference. All students should become aware of the provisions of this Act.

SPECIAL EVENING ACADEMIC OFFICE

An academic office is open in Sanders Hall each evening during which classes are scheduled.

STUDENT CONDUCT

Intrinsic to a student's enrollment at Athens State College is his agreement to abide by the rules and regulations published by the College. The College expects every student to conduct himself or herself in a manner compatible with the lawful missions of this tax-supported college and which is not improper or prejudicial to the school's general welfare or otherwise unbecoming a student. Some specific forms or prohibited conduct are:

1. Dishonesty, such as cheating, plagiarism, or knowingly furnishing false information to the College.
2. Conduct in violation of federal, state, or local laws, is consistent with federal and state statutes and local ordinances.
3. Destruction or theft of property.
4. Obstruction or disruption of the College's academic program or operations.
5. Failure to comply with directions of college officials acting in performance of their duties.
6. Violation of library and traffic regulations as provided for in this bulletin-handbook or other rules or regulations that may be made and distributed in printed form.

Violations of the above will render a student subject to disciplinary action, under the procedures outlined in this bulletin-handbook, which provide for adequate notice and a fair hearing. Penalties for violations include: reprimand, probation, loss of privilege, suspension, expulsion, and other penalties which may be set forth in College regulations published in the bulletin-handbook.

Where there has been a serious violation of college regulations and a student's continued presence will materially threaten the welfare of the College, the President or his designated representative may immediately suspend the student, pending a formal hearing by the judicial committee.

DISCIPLINARY PROCEDURES

Any case involving violation of published policies and regulations in this bulletin-handbook will be brought to the immediate attention of the Director of Student Personnel Services who will discuss the case with the student and may arrive at a mutually satisfactory conclusion of the matter at this point. If a satisfactory conclusion is not reached at this point, the Director of Student Personnel Services may determine that the case should be referred to the Judicial Committee.

If a case is referred to the Judicial Committee, the Director of Personnel Services will ensure that:

1. Written notice will be provided the student three (3) calendar days in advance of the hearing date. Further, the student will be given a list of witnesses and a copy of their statements or complaints, along with other evidence and affidavits which the College intends to submit against the student.
2. The student is permitted to have counsel present at the hearing to advise him/her. The student or his/her attorney may question at the hearing any witness who gives evidence against him/her.
3. The student is permitted to hear the evidence presented against him/her and will be permitted the opportunity to present his/her own case, his/her version of the incident and any exhibits, affidavits, or witnesses on his/her behalf.
4. A full and complete record of the hearing will be made.
5. The student has the right to appeal any decision recommended to the President by the Judicial Committee to a three-member Appeals Committee consisting of the Academic Dean, the Student Government Association President, and the Chairman of the Faculty Benefits Committee.

Final local responsibility fom discipline is vested in the President of the College.

Expulsion will be recorded on the student's permanent record.

The College seeks to guarantee that the fundamental principles of fair play are observed and to assure that no disciplinary action is taken on grounds which are not supported by any substantial evidence.

Conscious effort is made to assure that all College regulations are within the scope of the lawful missions of tax-supported higher education. It is recognized that it is not a lawful mission of the College to prohibit the exercise of a right guaranteed by the Constitution or a law of the United States. However, the President will take direct and appropriate action in any case involving the integrity of the College and the well-being of the students.

BULLETIN BOARDS AND POSTERS

The bulletin boards located in the student center may be used by students in displaying announcements of interest. Boards designated for special purposes are so marked and are not for general use.

The College reserves the right to remove any unauthorized poster or sign. Students are requested to use masking tape, rather than scotch tape, when displaying posters.

PUBLICATIONS

Student publications are vehicles for student expression. Students are encouraged to seek staff positions. The Student Government Association sponsors student publications. It serves as an advisory committee to the Director of Student Personnel Services in the formulation and implementation of policies and procedures relating to all student publications. It is responsible for the maintenance of high standards of quality.

This committee is responsible for formulating a code of ethics for student publications. It will also work with the advisers and the Director of Student Personnel Services in the selection of editors. The staff members of the College newspaper must be students in good standing and must be reviewed and approved by the Director of Student Personnel Services and the SGA Senate.

STUDENT PARTICIPATION IN GOVERNANCE

The College organizational structure provides for and encourages democratic student involvement in the affairs of the College.

The Student Government Association meets at regular intervals, and the meetings are open to all students who wish to observe the proceedings. Every student should feel at liberty to make suggestions to the SGA, to any committee, or to any officer of the College administration.

Full democratic student participation is expected and encouraged. Ultimately, legal responsibility for the administration of the College rests with the College President. All actions taken by College committees are subject to his review and approval.

CLOTHING

Students are asked to select their campus attire in keeping with the guidelines of good taste and decorum, thereby creating a favorable impression of themselves, their homes, and their college. Shoes are to be worn in public buildings of the State of Alabama.

SMOKING

Smoking is not permitted in either the library or in the classrooms.

All regulations contained herein will be administered without reference to race, creed, or national origin.

ACADEMIC PROGRAMS

SPECIFIC DEGREE REQUIREMENTS

BACHELOR OF ARTS

The degree of Bachelor of Arts is awarded to students who satisfactorily complete the following courses and general requirements:

English Composition	10 quarter hours
Literature	10 quarter hours
History	10 quarter hours
Mathematics	5 quarter hours
Science	15 quarter hours
Social Science electives	15 quarter hours
Humanities electives	15 quarter hours

1. At least ninety-six (96) quarter hours of a student's program must be at an upper division institution or the equivalent.
2. The student must complete a minimum of forty-five (45) quarter hours (more in some departments) prescribed by his major department.
3. The student must complete fifteen (15) quarter hours on the main campus.
4. The student must complete an approved minor.

BACHELOR OF SCIENCE

The degree of Bachelor of Science is awarded to students who satisfactorily complete the following courses and general requirements:

English Composition	10 quarter hours
Mathematics	5 quarter hours
Science (or technology, with approval)	15 quarter hours
Humanities Division electives (excluding composition	20 quarter hours
Social Sciences Division electives	20 quarter hours

1. At least ninety-six (96) quarter hours of a student's program must be at an upper division institution or the equivalent.
2. A student must select a major field of concentration from the Division of Natural Sciences and Mathematics, the Division of Business Administration, or the Division of Social Sciences.

3. The student must complete fifteen (15) quarter hours study on the main campus.
4. A minor field of concentration may be required.

BACHELOR OF SCIENCE IN EDUCATION

The degree of Bachelor of Science in Education is awarded to students who satisfactorily complete one of the following programs of study including the general requirements stated below:

ELEMENTARY

English Composition	10 quarter hours
Literature	10 quarter hours
Speech	5 quarter hours
History	10 quarter hours
Sociology	5 quarter hours
Government	5 quarter hours
*Social Science electives (Other than history)	10 quarter hours
General Psychology	5 quarter hours
Biological Science	10 quarter hours
Physical Sciences	10 quarter hours
Mathematics	5 quarter hours
Physical Education	5 quarter hours
Art	5 quarter hours
Music	5 quarter hours
Child Psychology	5 quarter hours
Foundations of Education	5 quarter hours
Children's Literature	5 quarter hours
Introduction to the Exceptional Child	5 quarter hours
Materials and Methods of Teaching Language Arts	5 quarter hours
Materials and Methods of Teaching Social Studies	5 quarter hours
Materials and Methods of Teaching Science	5 quarter hours
Materials and Methods of Teaching Reading	5 quarter hours
Student Teaching in the Elementary School	15 quarter hours

*Psychology is not considered as a Social Science elective in the Education major.

EARLY CHILDHOOD EDUCATION
(Nursery School Kindergarten)

In addition to the courses described for the major in Elementary Education certain specific courses are required for an approved program of preschool education.

Principles of Early Childhood Education	5 quarter hours
Curriculum Design and Methods for Early Childhood Education	5 quarter hours
Child Nutrition	5 quarter hours
Arts and Crafts For Teachers of Young Children	5 quarter hours
Language Development	5 quarter hours
Practicum in Early Childhood Education	5 quarter hours

SECONDARY EDUCATION

The student who wishes to be certified to teach in the Secondary School should complete the following general college requirements:

English Composition	10 quarter hours
Literature	10 quarter hours
Speech	5 quarter hours
History	10 quarter hours
Social Science electives* (excluding history as required above)	10 quarter hours
Biological Science	10 quarter hours
Physical Science	10 quarter hours
Mathematics	5 quarter hours
General Psychology	5 quarter hours
Foundations of Education	5 quarter hours
Materials and Methods of Teaching in the Secondary Schools	10 quarter hours
Introduction to Exceptional Children	5 quarter hours
Adolescent Psychology	5 quarter hours
Student Teaching	15 quarter hours

General Requirements for *All* B.S. Ed. degrees:

1. At least ninty-six (96) quarter hours of study or the equivalent must be at an upper level institution.
2. An approved major and minor is required of secondary majors.
3. A student must complete at least 15 quarter hours of on campus study.

Further requirements appear on pages 46-47.

*Psychology is not considered as a Social Science elective in the Education degree.

THE TECHNICAL TRANSFER PROGRAM

The graduates of six quarter or longer technical or career programs of accredited technical or community colleges may receive college credit toward the degree for such training.

Five programs of study are available to these students. Technical - General Business; Technical Education; Technical-General Studies: Technical Natural Sciences and Technical-Advanced Technology programs. These programs are included in the appropriate divisional programs which follow.

Credit for the technological studies may be granted from the following sources:

Technical Training 45-65 quarter hours

Six or more quarters of instruction in an accredited technical school or college

or

Six years documented, successful work experience in a trade documented by successful completion of the NOCTI

or

A two year professional program in health sciences as validated by a state or national licensure

or

A two year professional program in fine arts.

Credit is transcripted by the following labels as appropriate:

ED 259 Basic Technical Specialty (0-65 quarter hours): This course number designates credit awarded for the journeyman level training in a technical specialization area when validated by completion of a nationally recognized competency examination.

ED 279 Transfer Credit in Vocational & Technical Specialization Area (0-65 quarter hours credits): This course number designates transfer credit for any vocational, career or technical course from post secondary vocational schools, technical colleges, technical institutes or any of the approved military programs. (May not be granted concurrently with ED 259.)

ED 459 Advanced Vocational and Technical Specialty (0-18 quarter hours): This course number designates credit that is to be awarded for advanced industrial or educational work experience (non-teaching) in the specialization area. No credit will be granted for work experience which does not exceed in responsibility the original level of training.

ED 469 Vocational and Technical Specialty (Teaching Experience 0-10 quarter hours): Five (5) quarter hours credit may be awarded for each year of documented vocational specialty teaching experience verified by the director or supervisor in a vocational and technical school. A limit of ten (10) quarter hours credit is granted. Only five (5) quarter hours may be earned for a 12-month period. This teaching experience must have been supervised and evaluated and may be from an approved military school, industrial and business school, proprietary school, or public vocational school at either the secondary or post-secondary level. (Limited to In-service teachers).

The remaining program requirements may be completed in the following fashion:

1. Transcripted credits from another senior college
2. Courses at Athens State College
3. Special subject exams from CLEP
4. Consortium courses taught by the junior colleges

The student is advised to complete the prerequisite lower division General Education courses listed below at a junior college prior to entering Athens State College. A student who has completed a six quarter program of technical training may be admitted to the College as a special student and by special transient study arrangement attend a junior college to complete these courses.

Freshman English	10 quarter hours
Mathematics	5 quarter hours
Science	5 quarter hours
Social Science	5 quarter hours
History	5 quarter hours

ACADEMIC DIVISIONS

DIVISION OF BUSINESS ADMINISTRATION

Students electing a major in the Division of Business may select a Bachelor of Science degree and may major in Accounting, Business Administration or Office Administration.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

The objective of the major in Business Administration is to provide the student with a comprehensive business education which will prepare the graduate to enter managerial employment and to assist in the development of individuals, who hold those positions. The major encompasses the traditional business curriculum which includes accounting, finance, marketing, management, economics, and the legal environment of business.

Requirements for the Business Administration Major

A major in Business Administration must complete a total of seventy (70) quarter hours in Business Administration at the upper division level. No minor is required. The lower division business courses that should be completed prior to entering Athens State are ten (10) quarter hours in Principles of Economics and ten (10) quarter hours of Accounting. Five (5) quarter hours of Computer Science must be taken as part of the fifteen (15) quarter hours general science requirement. The major must include the following courses:

BU 305 Statistical Methods of Business	5 quarter hours
BU 311, 312 Legal Aspects of Business	10 quarter hours
EC 321 Money and Banking	5 quarter hours
EC 415 Managerial Finance	5 quarter hours
MK 331 Marketing Principles	5 quarter hours
MK 433 Marketing Problems and Policies	5 quarter hours
MG 346 Management and Organization	5 quarter hours
MG 420 Business Policy	5 quarter hours
Upper division Business electives	25 quarter hours

Please Note: It is the student's responsibility to comply with the Business Division's course work requirements. Under no circumstances are alterations or substitutions in required course work permitted without prior consultation and approval of the business faculty member in the subject area concerned, the student's faculty advisor, and the Division Chairperson.

BACHELOR OF SCIENCE ACCOUNTING

The objective of the major in Accounting is to prepare students for a wide variety of careers in professional accounting, including public accounting, industrial accounting, internal auditing, and government service. The curriculum is designed to permit some flexibility in the student's program of study, depending on which

particular career area seems to be of most interest. A central mission of the program is to prepare students for sitting for the various professional entry examinations, particularly the CPA examination.

Requirements for the Accounting Major

The degree requirements for the Bachelor of Science degree with a major in accounting includes many of the core courses offered by the Division of Business Administration, a specified core of accounting courses, and a sufficient range of elective accounting courses to allow a student to pursue an area of accounting relevant to occupational goals. At least seventy (70) quarter hours upper division courses are required. Liberal Arts requirements are identical to the standard program of study with the exception of the inclusion of (5) quarter hours in Computer Science as part of the general science requirements.

Lower Division

Principles of Accounting	10 quarter hours
Principles of Economics	10 quarter hours

Upper Division - Business Core

BU 305 Statistical Methods of Business	5 quarter hours
BU 311, 312 Legal Aspects of Business	10 quarter hours
EC 321 Money and Banking	5 quarter hours
EC 415 Managerial Finance	5 quarter hours
MK 331 Marketing Organization	5 quarter hours
MG 346 Management and Principles	5 quarter hours
MG 420 Business Policy	5 quarter hours

Accounting Core

AC 321, 322 Intermediate Accounting	10 quarter hours
AC 431 Advanced Accounting I	5 quarter hours
AC 441 Auditing	5 quarter hours
AC 442 Federal Tax Accounting I	5 quarter hours
AC 451 Cost Accounting I	5 quarter hours

Accounting Electives

Ten (10) quarter hours electives must be chosen from the following courses:

AC 432 Advanced Accounting II	5 quarter hours
AC 443 Federal Tax Accounting II	5 quarter hours
AC 450 Governmental Accounting	5 quarter hours
AC 452 Cost Accounting II	5 quarter hours

COURSE OFFERINGS OF THE DIVISION OF BUSINESS

ACCOUNTING

AC 321 Intermediate Accounting I. A survey of the financial reporting process and analysis of the accounting theory relevant to the major asset categories. Prerequisite: Accounting Principles I and II or equivalent. 5 quarter hours

AC 322 Intermediate Accounting II. A continuation of balance sheet analysis, culminating with a review of special purpose statements, flow of funds, price-level adjusted statements, and earnings per share. Prerequisite: AC 321. 5 quarter hours

AC 431 Advanced Accounting I. A study of the application of accounting theory to the complexities of the partnership and corporate forms of business organization, emphasizing the problems associated with organizational change. Prerequisite: AC 322. 5 quarter hours

AC 432 Advanced Accounting II. A capstone course in accounting theory, including student reports on topics relevant to the modern-day professional accountant. Prerequisite: AC 431. 5 quarter hours.

AC 441 Auditing. Auditing theory and practice, with emphasis given to the function of the audit in the certification of financial statements by an independent auditory. Prerequisite: AC 322. 5 quarter hours

AC 442 Federal Tax Accounting I. An analysis of the federal income tax law as it applies to individuals, emphasizing the provisions applicable to the sole proprietor. Prerequisite: Accounting Principles I & II. 5 quarter hours

AC 443 Federal Tax Accounting II. The application of the federal income tax law as it applies to partnerships and corporations, with emphasis on the differences which exist between financial and tax accounting. Prerequisites: AC 321 and AC 442. 5 quarter hours

AC 450 Governmental Accounting. A study of accounting and budgetary procedures for units and agencies of federal, state and municipal government. Prerequisite: AC 322. 5 quarter hours

AC 451 Cost Accounting I. An introduction to the preparation and interpretation of cost accounting data to be used by management in the twin entrepreneurial functions of planning and control. Job order, process, and standard cst systems will be studied in depth. Prerequisite: AC 321. 5 quarter hours

AC 452 Cost Accounting for Decision Making and Internal Auditing. A two-part course designed to acquaint the senior accounting student with the specialized cost accounting topics utilized in present-day decision-making and the role of the internal auditor in large-scale business enterprise. Prerequisite: 15 hours of accounting. 5 quarter hours

BUSINESS (BU)

BU/CS 301 Computer Science. Introduction to computing for both scientific and Business students who have limited or no previous knowledge of computer programming concepts. Includes basic programming. 5 quarter hours

BU 305 Statistical Methods of Business. Introduction to the descriptive inductive uses of organized data. Coverage will include sampling theory, tests of hypotheses, probability theory, and time series analysis. Prerequisite: College Algebra or General Mathematics. 5 quarter hours

BU 311 Legal Aspects of Business I. An indepth case study of the legal environment in business with emphasis on the law of contracts. 5 quarter hours

BU 312 Legal Aspects of Business II. Continuation of BU 311 with case study emphasis on property, sales, bailments and an indepth study of negotiable instruments under the Uniform Commercial Code. 5 quarter hours

BU 355 General Insurance. A study of fundamental principles and uses of various types of insurance: life, fire, automobile, homeowners, and other casualty coverages. 5 quarter hours

BU 356 Real Estate. A course designed to give students a broad understanding of the principles of real estate. Instruction includes historical background, freehold estates, leasehold estates, deeds, transferring of interest, financing, appraising, and the Alabama Real Estate License Law. 5 quarter hours

BU 368 Industrial and Personnel Psychology. See PS 368 for course description. 5 quarter hours

BU 426 Government and Business. A study of the effect of governmental regulations on the free enterprise system and how public policy relates to monopolies, pricing, and competition. Prerequisite: Legal Aspects of Business 5 quarter hours

BU 435 Personal Finance and Investments. A review of consumer money management problems, choices and decision-making. Topics such as: consumer credit, budgeting, home ownership vs. renting, retirement planning, insurance and suitable investment programs will be covered in the course. 5 quarter hours

BU 460 Business Research. A course designed to allow students an opportunity to perform research or directed studies. This course is offered at the discretion of the professor with approval by the division chairperson. 5 quarter hours

ECONOMICS (EC)

EC 310 Basic Economics. A one quarter course that is a survey of Economic Principles. The Macro-Economic topics reviewed will be: National Income Analysis and Theories of Production, Employment and Price Levels. The Micro-Economic Principles reviewed will include: The Market System, Monopolies and Competition, Income Distribution and International Trade. 5 quarter hours

EC 321 Money and Banking. A study of how money, credit and interest rates affect the level of employment, production, and prices in the economy. Topics of study will include the Federal Reserve System, the operations of commercial banks, credit controls, the theory of income determination, as well as recent trends in banking. Prerequisite: Principles of Economics. 5 quarter hours

EC 322 Intermediate Macro-Economic Theory. A study of the theoretical frame-work underlying aggregate income, employment, price and growth analysis. Suggested for those who plan to enter graduate work in business or economics. Prerequisite: Principles of Economics. 5 quarter hours

EC 323 Intermediate Micro-Economic Theory. The economic theory of the firm with emphasis on demand analysis, production and cost functions, profit analysis, as well as pricing policy in an imperfectly competitive market economy. Suggested for those who plan to enter graduate work in business or economics. Prerequisite: Principles of Economics. 5 quarter hours

EC 415 Managerial Finance. A study of the art of money capital management on the level of the firm in an enterprise economy. Topics covered include analysis of financial statements, investment decision making, calculation of the firm's cost of capital, and other related topics such as mergers and dividend policies. Prerequisite: Principles of Accounting and Principles of Economics. 5 quarter hours

MANAGEMENT (MG)

MG 346 Management and Organization. The elements and theories underlying management practice in the organization. 5 quarter hours

MG 348 Manpower and Labor Economics in the U.S. An introduction to labor in our economy and the relationships that exist between workers, management, labor organizations, and public policy. Specific subjects include: the history of the labor movement in the United States, the development of collective bargaining law, collective bargaining, wage analysis, and federal manpower programs. Major emphasis is on current labor issues. 5 quarter hours

MG 349 Personnel Management. Principles and practices of personnel administration. Special attention is given to employment practices, wages, hours, union and labor legislation. 5 quarter hours

MG 410 Labor Law and Legislation. A study of contemporary law affecting employees, employers, and labor organizations. Major emphasis is on equal employment opportunity laws and recent interpretations by administrative tribunals and courts. 5 quarter hours

MG 416 New Enterprises and Small Businesses. An analysis of procedures required to initiate enterprises or establish small businesses. Prerequisite: Management and Organization. 5 quarter hours

MG 420 Business Policy. Interrelationships of various business functions from viewpoint of middle management's decision process. Reading, case analyses. Students should schedule this course in one of the last two quarters of their degree program. Prerequisite: 15 hours of business core courses completed including MG 346, Management and Organization. 5 quarter hours

MARKETING (MK)

MK 331 Marketing Principles. A study of the forces operating, institutions employed, and methods followed in the flow of goods and services from production to consumption. Prerequisite: Principles of Economics. 5 quarter hours

MK 333 Advertising and Promotional Strategies. A study of the principles of advertising, types of advertising media, and analyzing problems of advertising encountered in business. Particular attention is given to the small advertiser. Prerequisite: Marketing Principles and General Psychology. 5 quarter hours

MK 334 Salesmanship. The development of selling methods; buyer-seller relationships, qualities of the effective salesman; the salesman and his goods, his customers, and his firm. Prerequisite: Marketing Principles and General Psychology. 5 quarter hours

MK 432 Retailing. Principles and methods of store location and layout, sales promotion, buying, pricing, personnel management, credit, and stock control. Prerequisites: Marketing Principles and Management and Organization.
5 quarter hours

MK 433 Marketing Problems & Policies. Various policies and problems requiring decisions by marketing management in areas of product policy, distribution policy, promotion policy, and price policy. Prerequisite: Marketing Principles.
5 quarter hours

MK 434 Real Estate Marketing. A course covering all aspects of Real Estate Marketing from prospecting and listing to offer and closing. 5 quarter hours

BACHELOR OF SCIENCE
OFFICE ADMINISTRATION

A major in Office Administration prepares the student for roles such as office manager, executive secretary, or supervisor in business or industry.

A student should complete the following lower division courses in the College transfer program: Typewriting (10 quarter hours), Shorthand (10 quarter hours), Accounting (10 quarter hours), Secretarial Office Practice (5 quarter hours), Principles of Economics (Macro) or Introduction to Business (5 quarter hours), and Principles of Management (5 quarter hours).

At the upper division level the following courses are required: OA 303 Advanced Typewriting or OA 304 Production Typewriting, OA 312 Speed Dictation and Transcription or OA 313 Office Dictation and Transcription, OA 321 Office Machines and Equipment, OA 410 Business Communication, OA 415-416 Office Administration I and II, OA 417-418 Secretarial Administration and Supervision I and II, BU 311 Legal Aspects of Business I, MG 349 Personal Management or BU 368 Industrial and Personnel Psychology, plus division electives to complete 85 quarter hours in the Division of Business.

OFFICE ADMINISTRATION (OA)

OA 300 Personal Typewriting. Fundamentals of typewriting with emphasis on mastery of the keyboard, correct technique, skill building, preparation of simple business letters, notes, memoranda, tabulations, rough drafts, manuscripts, and postal cards. 5 quarter hours

OA 303 Advanced Typewriting. Continuation of skill building, development of speed and accuracy, and the arrangement of material. Instruction is given in business forms, manuscripts, tabulated material, professional and executive typing. Prerequisite: Personal Typewriting or equivalent. 5 quarter hours

OA 304 Production Typewriting. Handling of office typewriting problems and development of competency in the use of the electric typewriter, production rates and standards, and accuracy. Prerequisite: Advanced Typewriting or equivalent.
5 quarter hours

OA 312 Speed Dictation and Translation. Emphasis on speed building in shorthand dictation and transcription, production of mailable copy, office-style dictation, and vocabulary building in specialized areas. Prerequisite: Proficiency in shorthand.
5 quarter hours

OA 313 Office Dictation and Transcription. Rapid shorthand dictation and transcription, sustained dictation, production of mailable copy, office-style dictation, intense vocabulary building and practice in the use of dictating and transcribing machines. Prerequisite: Speed Dictation and Transcription or equivalent.
5 quarter hours

OA 321 Office Machines and Equipment. Operation of electronic display and printing calculators, ten-key adding listing machine, duplication, dictating and transcribing machines. An introduction to the nature and purpose of electronic data processing and word processing machines and systems. Prerequisite: skill in basic typewriting. 5 quarter hours

OA 410 Business Communication. A study of the principles and types of business communication. Instruction is given in the style, structure, and aims of written business letters and reports. Other communication needs are considered, such as interviews, demonstrations and instructions, meetings, and dictating efficiency. 5 quarter hours

OA 415 Office Administration I. A study of duties and responsibilities of the office manager. Managerial and coordinating functions are stresed in the areas of organizing and planning office services, office automation, information and records management. 5 quarter hours

OA 416 Office Administration II. Continuation of OA 415 with emphasis on managerial and coordinating functions in the areas of controlling office operations, human relations and office personnel practices. 5 quarter hours

OA 417/418 Secretarial Administration and Supervision. Study of specialized secretarial duties, word processing equipment and systems, business communications and office administration problems. Simulated office projects and in-service development. Prerequisite: Secretarial Office Practice. 5 quarter hours

TECHNICAL — GENERAL BUSINESS

Athens State College offers to technical personnel including the graduates of technical schools or colleges the opportunity to complete a baccalaureate degree in General Business. The person who seeks the Bachelor of Science in Business is to complete the requirements described below in addition to regular academic admission requirements.

GENERAL BUSINESS

I. Prerequisite

Technical Training 45-65 quarter hours

1. Technical Training: Six or more quarters of instruction in a technical school or college

   or

   Six years documented, successful work experience in a trade documented by successful completion of the NOCTI

   or

   A two year professional program in health sciences as validated by a state or national licensure

   or

   A two year professional program in fine arts
2. Prerequisite*

Freshman English	10 quarter hours
Mathematics	5 quarter hours
Principles of Accounting	10 quarter hours
Principles of Economics	10 quarter hours

*The student is advised to complete prerequisite lower division courses at a junior college prior to entering Athens State College. A student who has completed a six quarter program of technical training may be admitted to the College as a special student and by special transient study arrangement attend a junior college to complete these courses.

II. Upper Division

General college requirements to include:

Humanities	10 quarter hours
Literature	10 quarter hours
History	10 quarter hours
Social Sciences	10 quarter hours
Science	10 quarter hours
Contemporary Psychology	5 quarter hours
Speech	5 quarter hours
Ethics	5 quarter hours
Business courses to include:	
Legal Aspects of Business	5 quarter hours
Money and Banking	5 quarter hours
Marketing Organization	5 quarter hours
Management and Organization	5 quarter hours
Upper Division Business Electives	25 quarter hours

DIVISION OF EDUCATION

The Division of Education offers courses which meet the requirements of the State Department of Education for teacher certification for the professional Elementary, Early Childhood, Secondary, Vocational, Trade and Industrial and Special Education teacher certification. The student who selects elementary education as a field, must major in elementary education and may complete the complement in early childhood education for teacher certification. The student who chooses secondary education as a field, must take thirty-five quarter hours of professional education courses as outlined in the catalog, and must select a major and a minor from approved discipline areas. Students who seek a secondary education major in Trade and Industrial Education are not required to complete a minor. The individual should be familiar with the major and minor requirements of the departments chosen.

A student who qualifies for an approved Elementary or Secondary Professional Teaching certificate may also receive certificate endorsement in Mental Retardation or Learning Disabilities or both.

Post secondary programs in vocational and technical education are available for in-service and pre-service technical college instructors.

Although the programs of study offered by ASC are presently approved for teacher certification in the State of Alabama and a majority of other states, the Education Division will design a program for any student which will insure certification in any state as needed.

ADMISSION TO THE TEACHER EDUCATION PROGRAM

Admission to Athens State College does not guarantee admission to the Teacher Education Program. Any student wishing to enter the Teacher Education Program must meet the following requirements:

1. Have successfully completed ninety-six (96) quarter hours with a minimum of 2.2 G.P.A. on a 4.0 system.
2. Have successfully completed ED 300 - Foundations of Education.
3. Have completed the recommended College transfer program for the major and minor and/or suitable course substitutes.
4. Have designed a major area of concentration and a minor if applicable.
5. Have submitted a written application to the Education Division upon completion of fifteen (15) quarter hours at Athens State College.

6. Have been recommended by the departments concerned in the major and minor areas of study.
7. The student must have been in the teacher education program at least one quarter prior to enrolling in the student teaching program.
8. If the student has completed professional education courses at other institutions, he or she will be required to demonstrate the competencies outlined in the appropriate State approved program of teacher education at Athens State College.
9. Students who enroll in teacher education programs following September, 1979 will be required to have completed the ACT test with a score of 16 or to have a comparable score on another secure, nationally normed comparable test.

REGULATIONS FOR STUDENTS IN THE DEPARTMENT OF EDUCATION

1. A student who plans to enter ED 472, Student Teaching in the Elementary School; ED 482, Student Teaching in the Secondary School; ED 492, Student Teaching in Grades K-12 or ED 486, Student Teaching in Secondary Trade and Industrial Education or ED 487, Student Teaching in Post Secondary Vocational and Technical Schools must apply in writing to the Supervisor of Student Teaching at the beginning of the quarter prior to the quarter of expected student teaching. These courses are open only to seniors who have completed materials and methods courses in their special fields. Therefore, it is expected that the student will take methods courses in the junior year, or the first and second quarter of the senior year.
2. During the term when the student is student teaching, no other courses should be taken. It is therefore recommended that in planning hours toward graduation, the individual expects to take only fifteen (15) quarter hours of student teaching in a quarter.
3. It is recommended that the lower division courses listed in the ASC College transfer guide be taken in the Freshman and Sophomore years. Professional education courses are taken in the last two years of college.
4. A grade of "C" must be attained in each professional education course.
5. Approved majors and minors include:

MAJOR	MINOR
Biology	Art
Chemistry	Biology
English	Chemistry
Elementary Education	Early Childhood Education*
Health and Physical Education	Economics
History	English
Mathematics	Health and Physical Education
Natural Sciences	History
Physics	Mathematics
Political Science	Music
Psychology	Physics
Social Sciences	Political Science
Sociology	Psychology
Trade & Industrial Education—Teacher	Sociology
Trade & Industrial Education—Coordinator	Special Education
Vocational Education—Post Secondary	

*Open to Elementary Education majors only.

EDUCATION COURSES

General Education

ED 300 Foundations of Education. A survey course designed for the student who expects to prepare for the teaching profession. Includes principles, history, philosophy, and trends in education. 5 quarter hours

Secondary Education

ED 431 Materials and Methods of Secondary School Teaching. A core course in the materials and methods of teaching in the secondary school. The first concern is with fundamental principles and techniques in planning, implementing and evaluating learning activities and in selection and use of appropriate materials and equipment. The second phase will be individualized according to the student's major academic field. The course will include seven (7) hours of class sessions and four (4) hours of laboratory experiences weekly. Prerequisite: Admission to the teacher education program. 10 quarter hours

ED 482 Student Teaching in the Secondary School. The student gains practical experience in teaching classes in the public schools in his/her major or minor fields; the experience is under the continual guidance of competent (critic) teachers in cooperation with the college faculty member. Materials and methods are utilized in the lesson planning and teaching, including the seminars, and participation in all activities of the school is required of the student teacher. Prerequisites: Senior standing, ED 431, M & M of Secondary School Teaching and completion of the certification requirements in education. 15 quarter hours

Elementary Education

The Department of Elementary Education and Early Childhood Education requires the following courses in the lower division studies:

Freshman English	10 quarter hours
Literature	10 quarter hours
Speech	5 quarter hours
Physical Science	10 quarter hours
Biological Science	10 quarter hours
Social Science, (including History and two other fields of Social Science)	30 quarter hours
Mathematics	5 quarter hours
Physical Education	5 quarter hours
General Psychology	5 quarter hours

The upper division requirements include these courses: PS 332 Child Psychology: SE 320 Introduction to the Exceptional Child; MU 451 Music for Elementary Teachers; AR 309 Art for Elementary Teachers; ED 300 Foundations of Education; ED 301 Teaching Children's Literature; ED 421 Materials and Methods of Teaching Language Arts in the Elementary School; ED 422 Materials and Methods of Teaching Mathematics in the Elementary School; ED 423 Materials and Methods of Teaching Reading; ED 424 Materials and Methods of Teaching Social Studies in the Elementary School; ED 425 Materials and Methods of Teaching Science in the Elementary School; ED 472 Student Teaching in the Elementary School plus electives to complete the total hours required for the degree. No student will be allowed to take more than two (2) methods courses in any one quarter without permission of the teacher and the Division Chairperson. No methods courses are offered during the summer quarter.

ED 301 Teaching Children's Literature. Develop comprehensive biblographic knowledge of prose and poetry for children including history, trends and likely future developments, group presentation processes including voice control, projection, and motivation techniques, activities which allow students to create visuals utilizing a variety of art forms, three and three-fourth hours per week will be devoted to lecture, and two hours per week in guided laboratory activities. (Junior) 5 quarter hours

ED 421 Materials and Methods of Teaching Language Arts in the Elementary School. Each student will write performance objectives in the Language Arts, order these in a continuum, select both materials and methods appropriate to the objective, structure pre and post assessment devices, demonstrate selected procedural teaching skills and effective classroom instructional techniques to produce desired pupil changes. Three and three-fourths hours lecture and demonstration sessions weekly, plus a minimum of two hours of laboratory experience. (Junior) 5 quarter hours

ED 422 Materials and Methods of Teaching Mathematics in the Elementary School. Individualized instruction in mathematics coupled with skills group instruction; three and three-fourths hours per week will be spent in lecture and demonstration sessions, plus two hours per week guided laboratory experience. (Seniors only). Prerequisite: ED 421. 5 quarter hours

ED 423 Materials and Methods of Teaching Reading. Prescriptive Reading Instruction in a developmental approach to reading including phonics, language experience, linguistics, structural analysis, and other approaches to reading instruction, using basal texts, games, modules, skills group materials. Develop skills in use of behavioral modification techniques and in the use of a variety of interaction analysis models including Flanders models. Includes a two hour lab per week. (Seniors only). Prerequisite: ED 421. 5 quarter hours

ED 424 Materials and Methods of Teaching Social Studies in the Elementary School. Each student will write performance objectives in Social Studies, order these in a continuum, select both materials and methods appropriate to the objective, structure pre and post assessment devices, demonstrate selected procedural teaching skills, and effective classroom instructional techniques to produce desired pupil changes. Three and three-fourth hours lecture and demonstration sessions weekly, plus a minimum of two (2) hours of laboratory experience. (Junior). Prerequisite: ED 421. 5 quarter hours

ED 425 Materials and Methods of Teaching Science in the Elementary School. Use of experiments, exploratory learning processes, field trips, and other meaningful science procedures; three and three-fourth hours per week will be spent in lecture and demonstration sessions, plus two hours per week guided laboratory experiences. (Seniors only). Prerequisite: ED 421. 5 quarter hours

ED 426 Phonics. A basic course in the principles of phonics as related to reading instruction. 5 quarter hours

ED 472 Student Teaching in the Elementary School. After a period of orientation, the student gains practical experience in teaching classes in the public schools under continual guidance of competent critic teachers in cooperation with the College faculty member. Materials and methods are utilized in lesson plan and teaching, and participation in all activities is required of the student teacher. Includes seminar. Prerequisites: Senior standing, ED 421, 422, 423, 424, 425, and the completion of all professional education requirements. Not applicable to secondary education. Fall, winter and spring only. (Seniors only). 15 quarter hours

ED 492 Student Teaching in Grades K-12. The student has the experiences outlined in ED 472 and ED 482, spending five weeks in an Elementary School and five weeks in a Secondary School. Limited to seniors in Art, Music, or Physical Education who have completed all major and professional education requirements. Fall, winter and spring only. 15 quarter hours

ED 497 Problems in Remedial Reading. Prevention diagnostic, and corrective measures for reading difficulties. Study of investigations and literature in this field. Three hours per week of in-school contact time with children will be required as a laboratory experience in this course. 5 quarter hours

EARLY CHILDHOOD

In addition to the required Elementary Education program the following courses must be completed by students who wish to have a double major in Early Childhood Education and Elementary Education.

ED 310 Principles of Early Childhood Education. A course covering the research, theory, and practices for the education in kindergarten of four and five year old children. Organization, housing, and equipping of new kindergartens, the readiness program for the first grade and parent education are included in the course. 5 quarter hours

ED 311 Curriculum Design and Methods for Early Childhood Education. A course covering the common approaches to curriculum development practices for the kindergarten age child. The course will include experiences in structuring instructional experiences for the five year olds. Investigations of the contribution of Piaget, Montessori, Dunn, Gray, Klaus, and Miller will be included. Prerequisite: ED 310. 5 quarter hours

ED 312 Arts and Crafts for Teachers of Young Children. A course covering the use of arts, music, and other creative mediums in educational practices geared to meet the needs of the four and five year olds. This course will include actual instructional opportunities for the participants to become involved in the education of children. 5 quarter hours

ED 403 Language Development of Young Children. This course deals with the physical, intellectual and emotional aspects of language development in young children. 5 quarter hours

ED 405 Child Nutrition. This course deals with nutritional aspects of comprehensive child care centers, adminiration of food service programs, and training parents and paraprofessionals about the importance of nutrition in a child's life. 5 quarter hours

ED 462 Observation and Practicum in the Nursery School and Kindergarten. A course providing an opportunity for teachers of young children to study their particular problems under professional guidance. This course will include both laboratory experiences and seminar. Prerequisite: All Early Childhood Education requirements. 5 quarter hours

SPECIAL EDUCATION CERTIFICATION PROGRAMS

The Department of Special Education offers courses which meet the requirements of the State Department of Education, Division of Special Education, for Class B certification in the areas of Mental Retardation or Learning Disabilities. The student must complete the requirements for a Class B Elementary, Secondary, or Elementary/Secondary professional certificate in addition to the prescribed credits in the area (s) of endorsement in which he/she requests certification. Thirty quarter hours concentration in the area of Mental Retardation is required for certification.

MENTAL RETARDATION

SE 320 Introduction to the Exceptional Child. A study of the developmental characteristics and problems of the exceptional child: the implications of these characteristics for the teacher. Required for both endorsements. 5 quarter hours

SE 322 A Study of the Psychology of Mental Retardation. The characteristics, developmental stages, and program needs of the mentally retarded. Includes the interpretation of psychological test. 5 quarter hours

SE 420 Curriculum and Methods for the Mentally Retarded. (Elementary and Secondary) Curriculum development and methods of teaching language arts, science, mathematics and social studies in the elementary and secondary school for the educable mentally retarded. Prerequisite: SE 320 and 322. 5 quarter hours

SE 461 Psychological Tests and Measurements for the Mentally Retarded. A survey course concerned with the nature of measurement. Consideration is given to various types of aptitude, acheivement, interest, and personality tests. Focus is on interpretation of test results for the mentally retarded child. Recommended prerequisite: PS/SO 341 Statistics. Elective. 5 quarter hours

SE 481 Seminar and Practicum in Working with Exceptional Children. This is a competency based course offering practical supervised experience in the specific area in which the individual is seeking certification. The course consists of ninety (90) clock hours of combined competency based experience under supervision and seminars as required. Required M.R. 5 quarter hours

LEARNING DISABILITIES

Thirty-five (35) quarter hours of study is required for concentration in the field of Learning Disabilities and for certification.

SE 320 Introduction to the Exceptional Child. A study of the development characteristics and problems of the exceptional child: the implications of these characteristics for the teacher. 5 quarter hours

SE 325 Learning Disabilities. A developmental approach to learning disabilities with particular attention given to the minimally neurologically involved and children exhibiting similar behavior patterns including assessment of learning disability problems. 5 quarter hours

SE 403 Language Development of Young Children. Stresses the developmental aspects of the non-standard languaged child. 5 quarter hours

SE 480 Seminar and Practicum in Working with Exceptional Children. This is a competency based course offering practical supervised experience in the specific area in which the individual is seeking certification. It consists of ninety (90) clock hours of combined competency based experience under supervision and seminars. Required L.D. 5 quarter hours

SE 410 Diagnostic and Prescriptive Teaching of Children with Learning Disorders. Stresses the individual assessment and prescriptive teaching approach in dealing with children with learning disorders. 5 quarter hours

SE 497 Problems in Remedial Reading. ED 497 See Elementary Education.

SE 498 Multiple Disabilities. Seminar developed for teachers of children and youth with multiple disabilities including cerebral palsy. Experiences which will aid the student in developing special approaches to working with multiple handicapped children. Elective. 5 quarter hours

HEALTH AND PHYSICAL EDUCATION

Secondary Major

The program in health and physical education is composed of activity courses, a foundation program, a teacher education program, and a sports analysis.

A student in the college transfer program should complete the general education courses and meet requirements for admission to Teacher Education as listed in the Bachelor of Science in Education program. In addition, the student should complete the following courses:

Human Anatomy	5 quarter hours
Introduction to Health and Physical Education	5 quarter hours
Personal and Community Health	5 quarter hours
Physical Education Activity	5 quarter hours
Emergency First Aid	5 quarter hours

If these prerequisites have not been met prior to transferring, substitute courses must be taken at Athens State College.

Students majoring in Physical Education are to complete the following courses:

HPE 320 Analysis of Team Sports
HPE 321 Analysis of Gymnastics and Track and Field
HPE 322 Analysis of Individual Sports
HPE 325 Kinesiology
HPE 326 History and Principles and Health and Physical Education
HPE 350 Physical Education for the Exceptional Child
HPE 400 Organization and Administration of Health and Physical Education
HPE 401 Measurement and Evaluation in Physical Education
HPE 402 School and Community Recreation
HPE 415 The School Health Program
HPE 430 Materials and Methods of Teaching Health and Physical Education in the Elementary School
HPE 440 Materials and Methods of Teaching Health and Physical Education in the Secondary School
ED 300 Foundations of Education
PS 334 Adolescent Psychology
ED 482 Student Teaching in the Secondary School.

Minor

A student wishing a minor in Health and Physical Education must complete thirty (30) quarter hours at least fifteen (15) of which are taken at Athens State College. Students will be required to take:

HPE 326 History and Principles of Health and Physical Education
HPE 400 Organization, Administration, and Supervision of Health and Physical Education
HPE 401 Measurement and Evaluation in Physical Education and two of the following:
HPE 320 Analysis of Team Sports
HPE 321 Analysis of Gymnastics and Track and Field
HPE 322 Analysis of Individual Sports

CERTIFICATION K-12

A student wishing to be certified to teach Health and Physical Education in grades K through 12 must take the following courses:

PS 332 Child Psychology
ED 492 K-12 Student Teaching in Grades K-12 and six (6) additional hours in health and physical education. Recommended courses for K-12 certification are:

HPE 350 Physical Education for the Exceptional Child
HPE 451 Health and Physical Education Curriculum in Elementary School

These courses are in addition to the courses described earlier for the Physical Education major. No minor is required for K-12 certification.

Activity Courses

The activity courses (HPE 300-313) are open to all students of the College and are designed to assist students in developing appreciation and skills in "lifetime" sports.

One Hour Activity Courses:

HPE 300	Slimnastics
HPE 301	Weight Training
HPE 302	Swimming
HPE 303	Life Saving
HPE 304	Water Safety Instructors
HPE 305	Tumbling
HPE 306	Archery
HPE 307	Bowling
HPE 308	Tennis
HPE 309	Badminton
HPE 310	Golf
HPE 311	Folk and Square Dance
HPE 312/313	Varsity Athletics (By permission only)
HPE 314	Individualized Physical Activity

HEALTH AND PHYSICAL EDUCATION

HPE 320 Analysis of Team Sports. Study and practicum in analytical techniques of skills involved in various specified team sports. 3 quarter hours

HPE 321 Analysis of Gymnastics and Track and Field. Study and Practicum in analytical techniques of skills involved in gymnastics and track and field. 3 quarter hours

HPE 322 Analysis of Individual Sports. Study and practicum in analytical techniques of skills involved in various individual sports. 3 quarter hours

HPE 325 Kinesiology. The analysis of human movement through the study of the action of muscles and bones. Efficiency in the development of physical skills is emphasized with this knowledge. Majors and minors only. Prerequisite: Human Anatomy. 5 quarter hours

HPE 326 History and Principles of Health and Physical Education. A study of the historical background of health and physical education and a consideration of the basic principles and concepts upon which a sound program is founded. Majors and minors only. 5 quarter hours

HPE 333 Care and Prevention of Athletic Injuries. This course is designed to familiarize students with the most prevalent athletic injuries, their prevention and anatomical explanation, physiological complication and treatment of such injuries. Prerequisite: HPE 325. 3 quarter hours

HPE 335 Techniques of Officiating - Volleyball. Study and practicum in techniques of officiating volleyball. 1 quarter hour

HPE 336 Techniques of Officiating - Basketball. Study and practicum in techniques of officiating basketball. 1 quarter hour

HPE 337 Techniques of Officiating - Football. Study and practicum in techniques of officiating football. 1 quarter hour

HPE 338 Techniques of Officiating - Baseball. Study and practicum in techniques of officiating baseball. 1 quarter hour

HPE 350 Physical Education for the Exceptional Child. This course is designed to present principles, practices, and activities for the exceptional or atypical child. Lab experiences are included. 5 quarter hours

HPE 352 Basic CPR and Instructor's Course. This course is designed to inform students about the basic principles of coronary pulmonary resuscitation. The student is prepared to become a teacher or an instructor in this course. 3 quarter hours

HPE 354 Camp Counselors Training Course. Camp organization, finance, program facilities, and similar topics will be studied. Camping experience is included. 3 quarter hours

HPE 400 Organization, Administration, and Supervision of Health and Physical Education. Various problems such as problems of organization, activities and facilities are identified and discussed. Such elements as types of activities, budget, care of equipment and maintenance of all facilities form an important part of the course. Education majors or minors only. 5 quarter hours

HPE 401 Measurement and Evaluation in Physical Education. The theory of measurement in physical education, the selection and administration of appropriate tests, and the interpretation of the results by fundamental statistical procedures and studies. Tests measuring sports skills, strength, motor ability, and physical fitness are given special consideration. Majors and minors only. 5 quarter hours

HPE 402 School and Community Recreation. Planning a recreation program for the school and community. Personnel, organization, activities, facilities, and similar phases of an appropriate program are given consideration. 5 quarter hours

HPE 415 The School Health Program. Consideration is given to the organization of the total school health program involving health services, healthful school living, and health instruction. Content, methods, and materials suitable for grades 1 through 12 are stressed. 5 quarter hours

HPE 430 Materials and Methods of Teaching Health and Physical Education in the Elementary School. A study of source materials, planning and organizing instruction, selection of suitable activities, and preparation of teaching units. To include laboratory experiences. Prerequisite: Admission to Teacher Education. 5 quarter hours.

HPE 440 Methods and Materials of Teaching Health and Physical Education in the Secondary School. Emphasis is placed on approved teaching techniques and a program of desirable activities. Lesson planning and unit construction are an important part of the course. Prerequisite: Admission to Teacher Education. 5 quarter hours.

It is recommended that all majors (men and women) participate in varsity athletics or intramurals each term except the term of student teaching.

VOCATIONAL AND TECHNICAL POST SECONDARY EDUCATION

The Division of Education offers a program designed to prepare instructors to serve in the trade and industrial areas of instruction in post secondary technical colleges and institutes. Admission to the program is dependent upon the student's validation of an acceptable trade or technology as noted by the Department of Labor job code. A student who does not possess such technology may not enter the program.

I. Prerequisites:

A. Technical Training (up to 65 quarter hours maximum credit.)
All work experience credit must be validated by the NOCTI or another comparable examination of competency.

B. General Education*

Freshman English	10 quarter hours
Mathematics	5 quarter hours
Science	5 quarter hours
Social Science	5 quarter hours
History	5 quarter hours

*The student is advised to complete the prerequisite general education courses at a junior college prior to entering Athens State College. However, a student, who has completed a six quarter program of technical training may be admitted to the College as a special student and by special transient study arrangement attend a junior college to complete these courses.

II. Upper Division:

A. General Education

Ethic	5 quarter hours
Speech	5 quarter hours
Literature	10 quarter hours
History, American	5 quarter hours
Social Science	5 quarter hours
Science	5 quarter hours
Psychology	5 quarter hours

B. Professional Education

Foundations of Education	5 quarter hours
Adolescent Psychology	5 quarter hours
Foundations of Vocational Education	5 quarter hours
Methods of Teaching Voc. & Tech. Ed.	5 quarter hours
Materials of Teaching Voc. & Tech. Ed.	5 quarter hours
Occupational Analysis	5 quarter hours
Practice Teaching in Post Secondary Tech. Schools	15 quarter hours

C. Electives

III. General Requirements:

All students must complete at least 63 quarter hours credit at the 300-400 level.

All students must complete at least 45 of the last 54 quarter hours of study at Athens State College, fifteen (15) hours of which must be taken on the main campus.

All students must complete at least 96 quarter hours of study at an upper division (senior) college or the equivalent.

All students must complete at least 192 quarter hours of study.

IV. Certification Requirements:

At least 3 years compensated work experience in the technical specialty is required for those who have completed a formal post-secondary technical training program; those who have not completed the formal technical training must have completed 6 years compensated work experience in the technical specialty.

SECONDARY TRADE AND INDUSTRIAL EDUCATION TEACHER TRAINING PROGRAM

Students who have completed a technical training program of six (6) quarter length or who have completed six (6) years of compensated work experience and who have successfully completed the NOCTI or an equivalent competency examination may prepare to become a Trade and Industrial Teacher in the Secondary Schools by completing the following program. Students who do not possess such competency are not admissable.

I. Prerequisites:

A. Technical Training (up to 65 quarter hours maximum credit)

All work experience credit must be validated by successful completion of the NOCTI or an equivalent examination of competency.

B. General Education*

Freshman English	10 quarter hours
Science	5 quarter hours
Social Science	5 quarter hours
Mathematics	5 quarter hours
Mechanical Drawing	5 quarter hours
History	5 quarter hours

*A student may enter Athens State College as a special student upon successful completion of a six quarter technical accredited program. The student will complete the required prerequisite courses by special study arrangement with a junior college.

II. Upper Division:

A. General Education

Psychology	5 quarter hours
Literature	10 quarter hours
History, American	5 quarter hours
Social Science Electives	5 quarter hours
Science (Must include one year of study in either a Biological or Physical Science)	15 quarter hours
Speech	5 quarter hours
Ethics	5 quarter hours

B. Professional Courses

Foundations of Education	5 quarter hours
Adolescent Psychology	5 quarter hours
Methods of Teaching Voc. & Tech. Ed.	5 quarter hours
Materials of Teaching Voc. & Tech. Ed.	5 quarter hours
Occupational Analysis	5 quarter hours
Foundations of Vocational and Tech. Ed.	5 quarter hours
Written Business & Professional Correspondence	5 quarter hours
Marketing	5 quarter hours
Vocational Information and Guidance	5 quarter hours
Industrial and Shop Safety	5 quarter hours
Practice Teaching in Trade and Industrial Secondary Education	15 quarter hours

III. General Requirements:

All students entering the teacher education program must have completed the ACT test with a score of 16 or a comparable score on a secure nationally normed test approved by the Division of Teacher Certification, State Department of Education.

All students must complete at least 63 quarter hours credit at the 300-400 level.

All students must complete at least 45 of the last 54 quarter hours of study at Athens State College; fifteen (15) of these hours must be taken on the main campus.

Students must complete at least 192 quarter hours of study of which at least 100 quarter hours must be a senior college.

IV. Certification Requirements:

At least 3 years compensated work experience in the technical specialty is required for those who have completed a formal post-secondary technical training program; those who have not completed the formal technical training must have completed 6 years compensated work experience in the technical specialty.

TRADE AND INDUSTRIAL EDUCATION COORDINATOR

Those who seek to serve as coordinators for trade and industrial education programs in secondary schools should complete the following program.

I. Prerequisites:

A. Technical Education (up to 65 quarter hours)

All work experience credit must be validated by successful completion of the NOCTI or an equivalent examination of competency.

B. General Education*

Freshman English	10 quarter hours
Social Science	5 quarter hours
History	5 quarter hours
Mathematics	5 quarter hours
Science	5 quarter hours

*A student may enter Athens State College as a special student upon successful completion of a six quarter technical accredited program. The student will complete the required prerequisite courses by special arrangement with a junior college.

II. Upper Division

A. General Education

Speech	5 quarter hours
Psychology	5 quarter hours
Literature	10 quarter hours
History, American	5 quarter hours
Social Science Electives	5 quarter hours
Science (Must include one year of study in either Biological or Physical Science)	15 quarter hours

B. Professional Courses

Foundations of Education	5 quarter hours
Adolescent Psychology	5 quarter hours
Methods of Teaching Voc. and Tech. Ed.	5 quarter hours
Materials of Teaching Voc. and Tech. Ed.	5 quarter hours
Occupational Analysis	5 quarter hours
Foundations of Voc. and Tech. Ed.	5 quarter hours
Written Business & Professional Corres.	5 quarter hours
Marketing	5 quarter hours
Vocational Information & Guidance	5 quarter hours
Industrial and Shop Safety	5 quarter hours
Practice Teaching in Trade & Industrial Coordination	15 quarter hours
Shop Organization and Management	5 quarter hours
Functions of a Coordinator	5 quarter hours
Youth Organizations	5 quarter hours

III. General Requirements:

All students entering the teacher education program must have completed the ACT test with a score of 16 or a comparable score on a secure nationally normed test approved by the Division of Teacher Certification, State Department of Education.

All students must complete at least 63 quarter hours credit at the 300-400 level.

All students must complete at least 45 of the last 54 quarter hours of study at Athens State College, fifteen (15) of which must be taken on the main campus.

All students must complete at least 96 quarter hours of study at an upper division (senior) college or the equivalent.

IV. Certification Requirements: At least 2 years compensated work experience in the technical specialty is required.

VOCATIONAL AND TECHNICAL COURSE OFFERINGS

ED 302 Foundations of Vocational and Technical Education. A course designed to relate the development of vocational and technical education from historic apprenticeships to contemporary vocational and technical programs. Philosophies and Principles of Vocational and Technical Education are also reviewed. 5 quarter hours

ED 432 Methods of Teaching Vocational and Technical Subjects. A review of teaching strategies, procedures, audio-visual laboratory and concrete experiences which may be used to develop specific performance objectives for instruction. Laboratory experiences are included. 5 quarter hours

ED 433 Materials in Vocational Education. Teaching devices and methods of application; desirable teaching facilities; motivation, development of skill and reasoning qualities; lesson planning; shop organization and management. 5 quarter hours

ED 434 Occupational Analysis and Curriculum Development in Voc-Tech Education. This course is designed to provide a knowledge of the problems, techniques, and procedures in the selection and organization of subject matter for instructional purposes. Each student is required to develop a two-year vocational curriculum suitable for implementation in vocational school. 5 quarter hours

ED 435 Industrial and Shop Safety. This course identifies potential safety hazards as they pertain to vocational education shops in the schools and industrial shops. Accident prevention techniques are provided. OSHA is introduced to the student in his area of skill concentration. 5 quarter hours

ED 436 Vocational Information Guidance. An introductory course in vocational guidance to provide the principles and techniques necessary to organize and operate vocational guidance services within the public school. 5 quarter hours

ED 437 Coordination of Vocational Programs. This course provides the basic knowledge and skills necessary for the coordination of vocational programs. Types of programs, methods and techniques, and philosophy of cooperative programs will be discussed. Topics will include on-the-job training, record keeping for employment, resume' preparation, job interviewing, student placement, and student evaluation. 5 quarter hours

ED 438 Shop Organization and Management. The purpose of this course is to provide a knowledge of the problems, techniques, and procedures used to properly maintain and manage vocational and industrial shops for instructional purposes or for manufacturing. It deals with the organization, management, and care of shops. 5 quarter hours

ED 439 Youth Organizations and Advisory Committees. This course describes the procedure of establishing, implementing and the operation of student organizations and advisory committees. 5 quarter hours

ED 440 Testing and Evaluation in Vocational Education. This course describes the evaluation standards for vocational skill courses and lecture type courses with emphasis on the open entry concept. 5 quarter hours

ED 441 Functions of the Coordinator. Upon successful completion of this course, the student will be able to identify and administer the various programs in vocational education that are of a cooperative nature. 5 quarter hours

ED 442 Media Development and Use for Technical Educators. A study of materials and media design for and/or adapted for use in teaching technical subjects. 5 quarter hours

ED 443 Competency Based Instruction for Technical Educators. A review of and practice in the application of the accountability cycle to instruction in the technical schools. 5 quarter hours

ED 444 Individualizing Instruction in the Vocational and Technical Programs. A study of instructional strategies and procedures for meeting the individual needs of students. 5 quarter hours

ED 460 Practicum In Advanced Technical Studies. Individually designed laboratory studies in the state of the art of a variety of technologies. Students will study with the foremost national authorities available in each of the technical fields. 5-10 quarter hours

ED 461 Related Training In Vocational Education. This course is designed to include attendance at an approved industrial—company operated school for the purpose of providing the vocational teacher with advanced related technical training. This course is open to qualified teachers or individuals preparing to enter this field of teaching. Detail planning for each course session will be conducted by a team of post secondary trade and industrial teachers from throughout the state, academic Deans of technical colleges, Presidents of Technical Colleges, State Department Representatives and the academic personnel of the college. This planning relates to ED 460 also. 5 quarter hours

ED 483, 484, 485 Practicum in Teaching in Post Secondary Vocational and Technical Education (In-Service). A series of studies designed to expand the current teaching skills of in-service teachers of technical subjects. 5 quarter hours each

ED 486 Practice Teaching in Secondary Vocational and Technical Education. A course which provides an opportunity for prospective teachers to observe and implement instruction in a secondary technical school setting under the guidance of a competent critic teacher. Participation in the full school program is required. 15 quarter hours

ED 487 Practice Teaching in Post Secondary Vocational and Technical Education. A course which provides an opportunity for prospective teachers to observe and implement instruction in a technical college setting under the guidance of a competent critic teacher. Participation in the full school program is required. 15 quarter hours

DIVISION OF HUMANITIES

The Humanities Division offers majors leading to the Bachelor of Arts degree in Art, English, Religion, and Religion and Philosophy. In cooperation with the Education Division it offers majors leading to the Bachelor of Science in Education degree in English.

Requirements for each department's major and minor are given with the listing of its course offerings. Special Bachelor of Arts degree programs may be developed in cooperation with the Academic Dean and the Chairperson of the Division.

In addition to the majors and minors offered in this Division, courses are offered in languages, humanities, speech, and dramatic arts.

Courses meeting Humanities elective requirements are listed at the end of this section.

ART (AR)

A student electing to work towards a Bachelor of Arts degree must complete a minimum of sixty (60) quarter hours of Art including AR 311, Landscape Painting and

Drawing; AR 312, Figure Drawing; AR 314, Painting in Water Media; AR 317, Ceramic Sculpture; AR 418, Art Studio; AR 423, History of Modern Art; AR 424, Late Modern Art History—1945 to the present; AR 430, Advanced Drawing and Design; or the equivalent. At least twenty five (25) quarter hours must be taken at Athens State College.

All students declaring Art as a major or minor will be required to demonstrate a proficiency in drawing and design.

A minor consists of thirty (30) quarter hours of Art study including AR 312, Figure Drawing; AR 423, History of Modern Art, and AR 430, Advanced Drawing and Design.

Course Offerings

An interdivisional art-business management degree plan may be tailored for students whose career paths indicate this program. Approval of the Division Chairperson in Business and in Humanities is required before the student enters this program.

AR 300 Drawing. An introduction to drawing techniques with emphasis upon developing basic skills. 5 quarter hours

AR 301 Painting. An introduction to basic oil painting techniques. 5 quarter hours

AR 309 Materials and Methods of Art in the Elementary School. A course designed to assist teachers to provide instructional strategies and resource materials for meaningful art education of students in grades 1 through 6. Theory and practical problems. 5 quarter hours

AR 311 Landscape Painting and Drawing. Emphasis upon direct nature studies. 5 quarter hours

AR 312 Figure Drawing. The human figure as subject for drawing techniques. 5 quarter hours

AR 313 Portrait Drawing and Painting. A variety of media will be used to develop skills in portraiture. 5 quarter hours

AR 314 Painting in Water Media. Transparent and opaque water color techniques. 5 quarter hours

AR 315 Ceramics I. An introduction to basic ceramic techniques with emphasis upon hard-constructed ceramics. 5 quarter hours

AR 316 Ceramics II. Emphasis upon developing the student's skills using the potter's wheel and in using hand-building methods to create personal forms and imagery. (Will not satisfy the Humanities requirement). 5 quarter hours

AR 317 Ceramic Sculpture. An exploration of clay and terra cotta as sculptural media. 5 quarter hours

AR 320 Crafts. An introduction to basic crafts theory and techniques. (Will not satisfy the Humanities requirement.) 5 quarter hours

AR 330 Photography. An exploration of basic techniques in black and white photography. (Will not satisfy the Humanities requirement.) 5 quarter hours

AR 331 Photography II. Advanced theory and practice in photography. (Will not satisfy the Humanities requirement.) 5 quarter hours

HU/AR 340 The Visual Arts. An analysis and examination of the visual arts in terms of stylistic development as well as the relationships between the visual arts and other humanistic endeavors. The development of art from pre-history to the 20th century. 5 quarter hours.

AR 401 Advanced Figure Drawing. A continuation of Figure Drawing building on the techniques learned in AR: 312 to create a finished product. Prerequisite AR 312. 5 quarter hours

AR 408 Printmaking. Development of techniques in various print media. 5 quarter hours

AR 418, 419, 420 Art Studio. Working with a selected professor, the student will define and explore a creative project. Mature senior level, will allow the student to determine the course of his own creation. 5 quarter hours each

AR 423 History of Modern Art. The post-impressionist period through 1945. 5 quarter hours

AR 424 Late Modern Art History - 1945 to the present. 5 quarter hours

AR 430 Advanced Drawing and Design. Advanced concepts in drawing and composition. 5 quarter hours

AR 450 Internship in Art. An internship program in which the student will receive training with a commercial enterprise relating to his/her area of experience. 5-15 quarter hours

AR 460 Special Workshops in Arts and Crafts. 5 quarter hours

ENGLISH

English as an academic field encompasses the theory and practice of written and oral communication, as well as the intelligent, imaginative, and enthusiastic reading and interpretation of literature.

The required program for a major in English includes the following courses in the first two years of study:

Freshman Composition	10 quarter hours
Survey of English and/or American Literature	10 quarter hours

At Athens State College required courses include:

EH 320 Advance Grammar	5 quarter hours
EH 411 Romantic Literature of the 19th Century	5 quarter hours
EH 412 Victorian Literature	5 quarter hours
EH 414 Medieval Language and Literature	5 quarter hours
EH 421 Pope, Johnson, and the Age of Reason	5 quarter hours
EH 425 Shakespeare: The Sonnets and Plays	5 quarter hours
EH 431 Modern British and American Poetry	5 quarter hours
EH 432 Criticism: The Exercise of Judgment	5 quarter hours
EH 433 Twentieth Century Fiction and Drama	5 quarter hours

A total of 65 quarter hours credit in English including the required courses must be completed prior to recommendation for the Bachelor of Arts or Bachelor of Science in Education degrees.

Minor

The program for a minor in English requires thirty (30) quarter hours credit above Freshman Composition, including the following courses:

EH 320 Advanced Grammar
EH 425 Shakespeare
EH 431 Modern British and American Poetry

ENGLISH

EH 304 Southern Literature. A survey of the great body of fine literature written by and about residents of the South, with a concentration on writing of the twentieth century. 5 quarter hours

EH 305, 306 Written Business and Professional Communications. Examples and practices in technical writing, to include reports, studies, and reviews as used in the technical field. 5 quarter hours each

EH 307 Major Authors: Ancient to Renaissance. A survey of selected contributions to western civilization by the world's greatest writers. 5 quarter hours

EH 308 Major Authors: Renaissance to Contemporary. A survey of selected contributions to western civilization by the world's great writers. 5 quarter hours

EH 310 The Film. History and development of the film as an art form; film as literature. Viewing of a wide variety of films. 5 quarter hours

EH 311, 312 Drama Production. Theory and practice in producing and directing plays and readers' theater; acting and stagecraft. Recommended for the teacher anticipating working with school or community drama. 1-5 quarter hours each

EH 320 Advanced Grammar. A practical study emphasizing the essential aspects of English speech and sentence formation, to include student writing and analysis of that writing. 5 quarter hours.

EH/HU 321 Research Sources and Skills. Location of and familiarization with resource materials in various subject fields and the use of these materials. 5 quarter hour

EH 411 Romantic Literature of the 19th Century. The poetry and critical ideas of Wordsworth, Coleridge, Byron, Keats, and Shelley. 5 quarter hours

EH 412 Victorian Literature. The poetry, critical ideas, and prose of Tennyson, Browning, Arnold, Carlyle, Newman, Mill, Ruskin, and the Pre-Raphaelites, with some attention to lesser writers. 5 quarter hours

EH 413 Wisdom and Devotional Literature. See RE 413. 5 quarter hours

EH 414 Medieval Language and Literature. Reading in English authors chiefly 14th, 15th, & 16th centuries with special consideration of the works of Chaucer. 5 quarter hours

EH 420 Seventeenth Century Literature. Non-dramatic literature to 1660 with concentration on the writings of Bacon, Donne, Ben Johnson, Marvell, and Milton 5 quarter hours

EH 421 Pope, Johnson, and the Age of Reason. In addition to the works of Pope and Jonson particular attention will be given to Dryden, Bunyan, Swift, Boswell, Goldsmith, Burns, and Blake. 5 quarter hours

EH 425 Shakespeare: The Sonnets and the Plays. Intensive study of selections from the master playwright's works. 5 quarter hours

EH 431 Modern British and American Poetry. A review of contemporary works, with some translated poetry. 5 quarter hours

EH 432 Criticism: The Exercise of Judgment. Close study of examples of all genres of literature, using proven critical techniques, for better appreciation of writing as a fine art. 5 quarter hours

EH 433 Twentieth Century Fiction and Drama. A survey of recent works of prose and drama with particular emphasis on major American and British writers. 5 quarter hours

EH 460 Directed Studies in Research and Writing. Primarily designed for training in research methods and writing techniques, this course may also be adapted to give directed practice to the creative writer. Recommended for the student planning graduate work. 5 quarter hours

JO 303 Journalism Practicum. Directed study and practice in one or more news media, adaptable either for the student planning to work in the media or for the student planning to advise school publications. 5-10 quarter hours

SH 318 Business and Professional Speaking. Directed practice in the preparation and delivery of oral and written speeches, discussions, reports and other business and professional communication. 5 quarter hours

MUSIC EDUCATION

The Music Department has three primary objectives:

1. To offer courses and musical experiences leading to a minor for Bachelor of Science or Bachelor of Art degree students.
2. To offer electives for students who desire music or humanities credit.
3. To enrich the cultural life of the college and community.

The music minor is designed to meet the special needs and interests of each student. It includes thirty (30) hours in music, twelve (12) hours of which must be music theory and three (3) hours of aural musicianship, music literature, music ensembles and either piano and/or voice and other music electives.

MU 300/301/302 Music Theory. A course presenting the fundamentals of music theory including scales, modes, intervals, key signatures, triads in four-part writing. Correlated sightsinging, ear-training and keyboard harmony. This course or the equivalent is required of all music minors. Permission of the professor required. 3 quarter hours each

MU 304/305/306 Aural Musicianship. Required of all music minors unless exempted by a proficiency test. Instruction in rhythmic, intervallic, melodic and harmonic dictation; sightsinging. Corequisite: MU 300/301/302. 1 quarter hour each

MU 310 Music Appreciation. A survey of music whose purpose is the preparation for more intelligent listening to and appreciation of serious music. No technical background is necessary. This course will fulfill five (5) hours of the Humanities elective requirement. Not open to music minors. 5 quarter hours

MU 321/322 Music Literature. A study of the development of the significant musical styles with special attention to the individual contributions of major composers. 5 quarter hours each

MU 325 Conducting. A study designed to develop skills in conducting and score reading. Includes both baton and choral rehearsal techniques. 3 quarter hours

MU 329/330 Class Piano. Consists of class instruction in basic techniques of playing the piano. No previous technical experience required. 3 quarter hours each

MU 339/340 Class Voice. Consists of class instruction in the basic concepts in singing. Includes the study of proper tone production, breath control, and diction. 3 quarter hours each

MU 410 Choral Techniques. A study in the refinement of choral techniques including blend, balance, good choral tone, rehearsal techniques and procedures. Includes a survey of choral literature and helps in organizing and developing choral groups. 5 quarter hours

MU 451 Materials and Methods of Teaching Music for the Elementary Classroom Teachers. A study to assist the classroom teacher in meeting the needs of elementary students in music. A study of group activities and materials through which elementary children can experience music. 5 quarter hours

MU 460 Music Drama Production. Special study in the preparation and presentation of musical productions. 1-5 quarter hours

APPLIED MUSIC

(Permission of Professor is required)

MU 371 O - 372 O - 373 O Private Organ	1 quarter hour
MU 471 O - 472 O - 473 O Private Organ	1 quarter hour
MU 371 P - 372 P - 373 P Private Piano	1 quarter hour
MU 471 P - 472 P - 473 P Private Piano	1 quarter hour
MU 371 V - 372 V - 373 V Private Voice	1 quarter hour
MU 471 V - 472 V - 473 V Private Voice	1 quarter hour
MU 381 O - 382 O - 383 O Private Organ	2 quarter hours
MU 481 O - 482 O - 483 O Private Organ	2 quarter hours
MU 381 P - 382 P - 383 P Private Piano	2 quarter hours
MU 481 P - 482 P - 483 P Private Piano	2 quarter hours
MU 381 V - 382 V - 383 V Private Voice	2 quarter hours
MU 481 V - 482 V - 483 V Private Voice	2 quarter hours

1 hour's credit is for a half hour lesson weekly.
2 hour's credit is for one hour lesson weekly.
(With professor's approval, these may be repeated for credit)

MUSIC ENSEMBLE

MU 341 College Singers	1 quarter hour
MU 343 Choral Union	1 quarter hour
MU 345 Selected Chorus (Admission by professor)	1 quarter hour

RELIGION AND PHILOSOPHY

A major may be earned either in Religion or in Religion and Philosophy. A student electing one of these must complete fifty-five (55) quarter hours in his major, including at least forty (40) quarter hours of upper division credit of which at least twenty-five (25) must be taken at Athens State College. All required courses must be taken at Upper Division level. For a major in Religion and Philosophy at least fifteen (15) of the fifty-five (55) quarter hours must be taken in each discipline.

RE 310, The Role and Function of the Local Church; RE 311, the second quarter of the same; RE 320, Introduction to the Old Testament; RE 321, Introduction to the New Testament; RE 351, Christian Thought Today; and RE 403, Religion in Life are required for the Religion major. PH 301 is also required but does not apply to the fifty five (55) hours in the major.

PH 301, 321, 322, and RE 320 and 321 are required for the Religion and Philosophy major.

Thirty (30) quarter hours either in Religion or in Philosophy or in combination will constitute a minor in this department.

The courses are non-denominational and are designed to be of value to anyone who is interested in knowing more of the Judeo-Christian faith and history and in relating life to ultimate religious and philosophical concerns.

Qualified students may, with the concurrence of the Division Chairperson and the instructor involved, meet Humanities elective requirements with the following courses not included in the approved list of Humanities electives: RE 320 Old Testament; RE 321 New Testament; RE 410 Life of Jesus; and RE 411 Paul.

Religion courses accepted from non-accredited schools will serve only as general electives and will not apply toward Humanities elective requirements or toward a major or minor.

PHILOSOPHY (PH)

PH 300 Moral Values in Today's Society. A sociological approach to the study of morality combined with a philosophical examination of what moral value is and how moral values may be realized in today's society. Emphasis will be given to specific current moral issues. May be taken for Sociology credit. 5 quarter hours

PH 301 Introduction to Philosophy. An examination and evaluation of various philosophical answers to basic problems of philosophy. 5 quarter hours

PH 321 History of Philosophy I. A critical survey of the thought of major western philosophers from Thales to Descartes. 5 quarter hours

PH 322 History of Philosophy II. A critical survey of the thought of western philosophers from Descartes to the present time. 5 quarter hours

PH 460 Independent Study. The student will engage in philosophical research in an area of his particular interest approved by the instructor. Open only to superior students who have had at least nine hours of philosophy in the classroom. May be repeated for five hours credit. 5 quarter hours

RELIGION (RE)

RE 301 Major Religions of the World. A study of the principal non-Christian religions of mankind in relation to Christianity. 5 quarter hours

RE 303 Current Religious Movements and Issues. An examination of current religious issues and movements which are influential in the thought and practice of modern society. 5 quarter hours

RE 305 Homiletics. This course is designed to explore as fully as possible the art of writing and preaching sermons and to develop the homiletical ability of the student. 5 quarter hours

RE 310, 311 The Role and Function of the Local Church. An introduction to the mission, program, structure, and some problems of the local church. 5 quarter hours each

RE 320 Introduction of the Old Testament. A study of Hebrew history and thought as recorded in the Old Testament. 5 quarter hours

RE 321 Introduction to the New Testament. A study of the beginnings of the Christian movement as interpreted by New Testament writers. 5 quarter hours

RE 327 Sociology of Religion. The interaction, interpretation and interrelationships of religion, society, and individual morality in American religious behavior and institutions. May be taken for Sociology credit. 5 quarter hours

RE 351 Christian Thought Today. A critical survey of three major trends in the interpretation of Christianity today: conservatism, liberalism, and neo-Reformation thought. May be taken for Philosophy credit. 5 quarter hours

RE 403 Religion in Life. A study of Christian ethics which examines the Christian meaning of righteousness and its implications for decision-making in today's world. May be taken for Philosophy credit. 5 quarter hours

RE 407, 408 History of Christianity. A survey of the background, origin, and development of the Christian movement from its beginning to modern times. 5 quarter hours each

RE 410 The Life of Jesus. A study of the life and teachings of Jesus based chiefly on the Synoptic Gospels. 5 quarter hours

RE 411 Paul. The life, letters, and times of Paul studied with the purpose of coming to an understanding of his thought and its significance for Christians today. Prerequisite for majors: Introduction to the New Testament. 5 quarter hours

RE 412 The Hebrew Prophets. An inquiry into the origin, nature, and development of the Hebrew prophetic movement, and an examination of the lives, times, and messages of the latter Old Testament prophets. Prerequisite for majors: Introduction to the Old Testament. 5 quarter hours

RE 413 The Wisdom and Devotional Literature of the Old Testament. An historical and faith analysis of the books of Job, Ecclesiastes, Song of Solomon, Proverbs. Psalms and other fourth and third century B.C. Old Testament writings. Prerequisite for majors: Introduction to the Old Testament. 5 quarter hours

RE 422 Daniel and Revelation for Today. A study of the development of apocalyptic writings, their message for their own times, their misuse, and their significance for today. 5 quarter hours

RE 460 Independent Study. Individual work designed to meet the particular needs of the student. Open only to superior majors who have written permission from the department head. May be repeated for credit. 5 quarter hours

CLASSICS

These courses are offered for student enrichment and interest. They may not be used to satisfy any requirements for any major.

RE 330 Biblical Hebrew Grammar I. Inductive approach, utilizing the Biblical narratives, especially in Genesis and the book of Kings. 5 quarter hours

RE 331 Biblical Hebrew Grammar II. Emphasis on conjugations, syntax, and morphology. Hebrew poetry and Hebrew narrative. 5 quarter hours

RE 332 Old Testament Readings in Hebrew I. Prerequisite: RE 330-331. 5 quarter hours

RE 333 Old Testament Readings in Hebrew II. Prerequisite: RE 332. 5 quarter hours

RE 340 Introduction to New Testament Greek I. Greek grammar utilizing New Testament vocabulary. 5 quarter hours

RE 341 Introduction to New Testament Greek II. Sequence to RE 340. The course will conclude with some reading in the New Testament. 5 quarter hours

RE 342 New Testament Readings in Greek I. Prerequisite: RE 341. 5 quarter hours

RE 343 New Testament Readings in Greek II. Prerequisite: RE 342. 5 quarter hours

HUMANITIES

Below is a list of courses from which students needing Humanities electives will choose (With approval of the Division Chairperson and the instructor involved certain other courses in the Division may be used):

AR 315 Ceramics I. (See Art Courses for description.) 5 quarter hours

AR 340 The Visual Arts (Art Appreciation). (See Art Courses for description.) 5 quarter hours

HU 304 Landmarks of Western Culture. A review of selected examples of man's creative achievements in drama, literature, philosophy, art and music. This course is designed to enlarge the student's understanding of the nature of man and appreciation of human values. 5 quarter hours

HU 305 Language and the Arts. A study of language and vocabulary in relationship to drama, literature, philosophy, art and music. Includes a study of the essential meanings of English roots, Greek and Latin prefixes and suffixes, and cognates as these relate to the communication of ideas. 5 quarter hours

MU 302 Music Appreciation. See Music courses for description. 5 quarter hours

PH 300 Moral Values in Today's Society. See Philosophy courses for description. 5 quarter hours

PH 301 Introduction to Philosophy. See Philosophy courses for description. 5 quarter hours

PH 321 History of Philosophy I. See Philosophy courses for description. 5 quarter hours

PH 322 History of Philosophy II. See Philosophy courses for description. 5 quarter hours

RE 301 Major Religions of the World. See Religion courses for description. 5 quarter hours

TECHNICAL-GENERAL STUDIES

Athens State College offers to technical personnel including the graduates of technical schools or colleges the opportunity to complete a baccalaureate degree in General Studies. The person who seeks the Bachelor of Science in General Studies is to complete the requirements described below in addition to regular academic requirements.

1. A. Prerequisite Technical Training: (0-65 quarter hours)
   Six quarters of instruction in a technical school or college
   or
   Journeyman status in a trade
   or
   Six years documented, successful work experience in a trade validated by the NOCTI or another equivalent competency test
   or
   A two year professional program in health science as validated by a state or national licensure
   or
   A two year professional program in fine arts
   B. Prerequisite General College courses to include:

Communication Arts	10 quarter hours
History	5 quarter hours
Social Science Electives	5 quarter hours
Science	5 quarter hours
Mathematics	5 quarter hours

2. A. General College courses to include:

Literature	10 quarter hours
Social Science Electives	5 quarter hours
Biological/Physical Science	15 quarter hours

General Psychology	5 quarter hours
Speech	5 quarter hours
Ethics	5 quarter hours
Humanities	10 quarter hours

B. An approved non-teaching major as described in the Upper Division requirements of one of the departments from the Division of Humanities, or the Social Sciences.

3. All students must complete at least ninety-six (96) quarter hours of work at a senior college of which at least fifteen (15) must be on the main campus.
4. All students must complete at least sixty-three (63) quarter hours of 300-400 level courses.
5. All students must have a total of 192 quarter hours or the equivalent.

DIVISION OF NATURAL SCIENCES

The course offerings of the Division of Natural Sciences are designed to give the student preparation for entrance into the job market or for continuing education in professional or graduate school. Majors are offered in Biology, Chemistry, Mathematics, Physics, and Scientific Technologies . The requirements of the major in each course of study are found at the beginning of each departmental listing of courses. Since science curricula require an extended sequence, the student majoring in this Division should carefully check the academic requirements for the Bachelor of Science degree and the major chosen. It is imperative that students of science meet with a Division teacher as soon as they make their determination to major in the Division. The completion of all requirements for a major in any discipline within this Division is a responsibility of the student.

In all major fields, special programs may be devised to fit specific student needs which may vary slightly from the published requirements. Under no circumstances, however, are alterations of degree programs permitted without prior consultation with advisors in the subject area concerned and permission by the Division Chairperson.

This Division carries on an active research program. Science majors are strongly encouraged to participate with their professors in research. Many research contracts pay students for the time spent.

In addition to specific majors, the Division offers interdepartmental majors in Health Sciences, Medical Technology, Natural Sciences and Technical Management. These programs and their requirements are presented at the end of the departmental listings for this Division.

BIOLOGY (BI)

The objective of the major in Biology is to provide the graduate with a comprehensive science education, encompassing standard academic courses in Biology, Chemistry, Mathematics and Physics. Courses and programs are structured to provide basic coursework applicable to (1) fields requiring a general preparation in Biology and/or Natural Science, (2) graduate and professional programs, (3) medical and related health fields, and (4) secondary school teaching.

The Department of Biology offers major leading to the Bachelor of Science Degree and to the Bachelor of Science in Education Degree.

Both programs assume completion of the following transfer program in the first two years of college work:

Principles of Biology	5 quarter hours
General Botany	5 quarter hours
General Zoology	5 quarter hours

General Chemistry	15 quarter hours
Pre-Calculus Mathematics	5 quarter hours
General Physics	15 quarter hours

Bachelor of Science Degree

Structured to prepare students for research and technical areas requiring a baccalaureate degree, this program is also designed to satisfy most Graduate and/or Professional School admission requirements. The major requires fifty-five (55) quarter hours in Biology to include:

Principles of Biology	5 quarter hours
General Botany	5 quarter hours
General Zoology	5 quarter hours
Cell Biology	5 quarter hours
Genetics	5 quarter hours
General Ecology	5 quarter hours
Invertebrate Zoology	5 quarter hours
Vertebrate Zoology	5 quarter hours
Plant Morphology	5 quarter hours

and ten (10) quarter hours of elective credit in biology

A thirty (30) quarter hour minor is required. Students are strongly advised to minor in Chemistry by taking, in addition General Chemistry, Organic Chemistry and Biochemistry. Calculus and Analytic Geometry are also strongly recommended.

Pre-medical, pre-dental and *paramedical curricula:* There is no nationally approved list of courses required in pre-medicine. Each school of medicine has its own specific requirements. Such schools, in general, say they want students who have: (1) a broad general education; (2) at least three years of college, preferably a bachelor's degree; (3) a major in any field, according to the student's interest; and (4) basic science requirements, although not science courses that duplicate medical course work. The same is generally true for pre-dentistry.

Students in pre-medical, pre-dental and other paramedical programs at Athens State College are advised to take courses leading to a B.S. degree in either Biology or Chemistry. If the student majors in Biology, a program of study tailored to meet specific recommendations of particular medical schools, etc. will be worked out for the student in consultation with the Department Chairperson.

Bachelor of Science in Education Degree

A major in Biology in the Bachelor of Science in Education Degree Program requires an approved thirty (30) quarter hour minor, fifty-five (55) quarter hours in Biology to include:

Principles of Biology; General Botany; General Zoology; BI 321, Environmental Studies; BI 322, Evolution, Heredity and Human Affairs; BI 341 Biological Materials and Methods; BI 342, Bioscientific Terminology

Minor

A minor in Biology in the Bachelor of Science or Bachelor of Arts degree program requires thirty (30) quarter hours credit to include:

Principles of Biology, General Botany, General Zoology and 20 quarter hours of elective credit.

A minor in Biology in the Bachelor of Science in Education degree program requires thirty (30) quarter hours credit to include:

Principles of Biology; General Botany; General Zoology; BI 321, Environmental Studies; and BI 322, Evolution, Heredity and Human Affairs. BI 341, Biological Materials and Methods.

COURSES OFFERED

BI 311 Human Anatomy and Physiology I. A study of the structure and physiology of the human body with emphasis on the skeletal, muscular, circulatory and respiratory systems. Designed especially for HPER majors. 5 quarter hours

BI 312 Human Anatomy and Physiology II. A continuation of BI 311, with emphasis in the digestive, excretory, nervous, reproductive and endocrine systems. Prerequisite: BI 311. 5 quarter hours

BI 321 Environmental Studies. Presents physical, biological, economic, and sociological aspects of environmental pollution. 5 quarter hours

BI 322 Evolution, Heredity and Human Affairs. Presents an integrated total picture of humanity through details and examples of evolution emphasizing the descent of man, reproduction as a mechanism for the transmission of hereditary traits, and basic principles of inheritance. 5 quarter hours

BI 323 Fundamentals of Human Sexuality. A comprehensive and integrated approach to human sexuality emphasizing biological and psychological aspects. 5 quarter hours

BI 341 Biological Materials and Methods. Introduces the student to biological techniques, procedures, demonstration methods, projects, experiments, media production and material sources; primarily for secondary education majors and/or minors. 5 quarter hours

BI 342 Bioscientific Terminology. Designed to familiarize the student with many scientific terms, and to enable one to make logical deductions about the precise meaning of "new words" through an understanding of their component parts. 5 quarter hours

BI 343 Biomedical Perspectives. Examines the various possibilities at hand for manipulating our biological future and their impact on society. 5 quarter hours

BI 401 Cell Biology. In-depth study of the structure and functions of living cells emphasizing ultrastructure and fundamental physiological processes. 5 quarter hours

BI 402 Genetics. An introduction to the principles of heredity and variation. 5 quarter hours

BI 403 General Ecology. Study of the interrelationships between living organisms and the relationships between organisms and their environment. 5 quarter hours

BI 412 Invertebrate Zoology. Life histories and comparative studies of invertebrate organisms including the Protozoa, Porifera, Coelenterata, Platyhelminthes, Annelida, Molusca, Arthropoda, Echinodermata and Prochordates. Laboratory included. 5 quarter hours

BI 413 Vertebrate Zoology. Vertebrate structure and function with special emphasis on collection and identification of local aquatic and terrestrial vertebrates. Laboratory included. 5 quarter hours

BI 431 Plant Morphology. Life histories and comparative studies of the major groups of plants including the algae, fungi, liverworts, mosses, vascular cryptogams and seed plants. Laboratory included. 5 quarter hours

BI 451, 452, 453 Special Topics in Biology. To be offered on occasion of student demand or need. 5 quarter hours each

CHEMISTRY (CH)

A major in Chemistry under the Bachelor of Science degree program requires:

General Chemistry	15 quarter hours
Organic Chemistry	15 quarter hours
Analytical Chemistry	5 quarter hours
Physical Chemistry	15 quarter hours
Instrumental Analysis	5 quarter hours
Two senior level Chemistry courses or two electives in other science or technology (by permission only)	10 quarter hours
Basic or Fortran Programming	5 quarter hours
General Physics	15 quarter hours
Calculus and Analytic Geometry	10 quarter hours
Intermediate Calculus	10 quarter hours
Differenital Equations	5 quarter hours

A major in Chemistry under the Bachelor of Science in Education degree programs requires:

General Chemistry	15 quarter hours
Organic Chemistry	15 quarter hours
Analytical Chemistry	5 quarter hours
Physical Chemistry	5 quarter hours
two senior level chemistry electives.	10 quarter hours

A minor in Chemistry in the Bachelor of Science in Education degree program requires fifteen (15) quarter hours general chemistry and fifteen (15) quarter hours organic chemistry.

COURSES OFFERED

CH 300 College Science Chemistry. A non-laboratory course presenting basic concepts of chemistry, geology, and meterology. This course does not serve as a prerequisite for any other course in the sciences. 5 quarter hours

CH 301, 302 Atomic and Molecular Chemistry. A study of atomic and molecular structure, chemical equilibrium, and analytical techniques. Laboratory includes Inorganic Qualitative Analysis and Classical Quantitative Analysis. This course is for science majors who have not satisfactorily completed general chemistry during their first two college years. Offered each summer. 5 quarter hours each

CH 311, 312, 313 Organic Chemistry. A basic study of aliphatic and aromatic compounds, their properties, preparation and reactions with emphasis on theory and mechanisms of reaction. Laboratory includes organic qualitative analysis. Prerequisite: One year of college chemistry. 5 quarter hours each

CH 324 Analytical Chemistry. Classical gravimetric and volumetric techniques in chemical analysis, modern methods of chemical separation. Laboratory included. Prerequisite: One year of college chemistry. 6 quarter hours

CH 330, 331, 332 Physical Chemistry. An application of the laws and principles of physics and mathematics to the study of phenomena and concepts such as chemical thermodynamics, equilibria, kinetics and molecular structure. Laboratory included. Prerequisite: Intermediate Calculus. 5 quarter hours each

CH 402 Inorganic Chemistry. A course dealing with topics of theoretical chemistry including the periodic table, stereo-chemistry, coordination chemistry and wave mechanics. Prerequisite: CH 330. 5 quarter hours

CH 410, 411 Instrumental Analysis. Theoretical and practical application of modern instrumentation to problems in analytical chemistry. Optical, electrochemical, and other instrumental techniques are covered. Laboratory included. Prerequisite: CH 331. Also listed as IT 410-411. 5 quarter hours each

CH 412 Intermediate Organic Chemistry. A study of advanced topics and complex substances of organic chemistry. Prerequisite: CH 313. 5 quarter hours

CH 413 Biochemistry. A study of proteins, carbohydrates, lipids and other important biochemical compounds and their metabolic functions. Enzyme reaction mechanisms and biological oxidations are included. Prerequisite: CH 312. 5 quarter hours

CH 451, 452, 453 Special Topics in Chemistry. To be offered on occasion of student demand or need. Possible topic areas include spectroscopy, kinetics, photochemistry, elementary quantum mechanics and chemical technology. 1-5 quarter hours each

CH 471, 472, 473 Chemistry Seminar. Student presentations of written or oral reports of selected advanced topics. Prerequisite: Permission. 1 hour each

CH 475, 476, 477 Chemical Research. Selected research projects in the field of chemistry. Prerequisite: Permission. 5 quarter hours each

MATHEMATICS (MA)

A major in Mathematics under the Bachelor of Science degree program requires:

Pre-Calculus (or equivalent)	5 quarter hours
Analytic Geometry and Calculus	10 quarter hours
Intermediate Calculus	10 quarter hours
Differential Equations	5 quarter hours
General Chemistry	15 quarter hours
General Physics	15 quarter hours
Basic *or* FORTRAN Programming	5 quarter hours

and five courses (25 quarter hours) of mathematics electives at the upper division and an approved minor in one of the scientific fields.

A major in Mathematics under the Bachelor of Science in Education degree program requires:

Pre-Calculus or equivalent	5 quarter hours
Analytical Geometry and Calculus	10 quarter hours
Intermediate Calculus	10 quarter hours
Basic *or* FORTRAN Programming	5 quarter hours

plus four mathematics electives at the upper division (20 quarter hours).

A minor in Mathematics in the Bachelor of Science in Education degree program requires thirty (30) quarter hours to include:

Calculus & Analytic Geometry	5 quarter hours
Intermediate Calculus	5 quarter hours
Differential Equations	5 quarter hours

COURSES OFFERED

MA 300 Technical Mathematics. Provides techniques and applications of computational methods of elementary algebra, geometric concepts, and trigonometry essential for non majors. 5 quarter hours

MA 301, 302 Calculus and Analytic Geometry. Includes analytic geometry, differential and integral calculus. 5 quarter hours each

MA 303, 304 Applied Calculus. Includes functions, the derivative, the integral, functions of several variables and multiple integrals with application to business, economics, biology and the social sciences. 5 quarter hours each

MA 305, 306 Intermediate Calculus. These courses are a continuation of the MA 301-302 or 303-304 series above. 5 quarter hours each

MA 310 Linear Algebra. Introduction to vectors and vector spaces, linear transformations and matrices, determinants, systems of linear equations and applications. Prerequisite: College Algebra. 5 quarter hours

MA 320 Modern Algebra. Number systems, group fundamental properties, introduction to rings, fields and ideals. Prerequisite: College Algebra. 5 quarter hours

MA 401 Complex Numbers and Functions. Introduction to functions of complex variables, complex numbers, elemental functions, differentiation, integration, and singularities of analytic functions. Prerequisite: MA 306. 5 quarter hours

MA 421 Differential Equations. The fundamental types of elementary differential equations are studied with illustrative examples when applied to different fields. Introduction to Laplace transform. Prerequisite: MA 306. 5 quarter hours

MA 423 Numerical Analysis. Introduction to numerical methods for interpolation, evaluating roots of polynomials, systems of equations, integration, differentiation, differential equations, and approximation and error. Computer laboratory work is required. Prerequisite: MA 306. 5 quarter hours

MA 427 Applied Math. Covers topics with practical problems which are important in the fields of science and engineering. Prerequisite: MA 306. 5 quarter hours

MA 430, 431 Theory of Statistics and Probability. Considers measures of control tendency, measures of dispersion, comparison of distributions, correlation, probability, normal curves and sampling. Prerequisite: MA 306. 5 quarter hours each

MA 451, 452, 453 Special Topics in Mathematics. Offered upon student demand or need. 5 quarter hours each

MA 460, 461 Advanced Calculus. Selected topics in vectors, functions of several variables, series, Fourier series, functions of complex variables, and partial differential equations. Prerequisite: MA 306. 5 quarter hours each

MA 480, 481, 482 Mathematics Seminar. Offers independent studies in topics chosen either to extend investigation in fields already studied or to explore areas not covered by other advanced courses. 1 quarter hour each

PHYSICS (PY)

A major in Physics under the Bachelor of Science degree program requires:

General Physics	14-15 quarter hours
Electricity and Magnetism	10 quarter hours
Mechanics	10 quarter hours
Analytic Geometry and Calculus	10 quarter hours
Intermediate Calculus	10 quarter hours
Differential Equations	5 quarter hours
General Chemistry	15 quarter hours
Upper Division Physics electives	20 quarter hours

A major in Physics under the Bachelor of Science in Education degree program requires:

General Physics	15 quarter hours
Mechanics	10 quarter hours

Electricity and Magnetism 10 quarter hours
Upper division Physics electives 10 quarter hours
Mathematics as required for prerequisites.

A minor in Physics in the Bachelor of Science in Education degree program requires 30 quarter hours of physics to include:

General Physics 15 quarter hours
Electricity and Magnetism 10 quarter hours

PY 300 College Science Physics. A non-laboratory course presenting basic concepts of physics, astronomy, and geology. This course does not serve as a prerequisite for any other course in the sciences. 5 quarter hours

PY 301, 302, 303 Physics. An introduction to the principles of mechanics, heat, sound, electricity, magnetism and light. Laboratory included. 5 quarter hours each

PY 311, 312 Electricity and Magnetism. The theory of electromagnetic fields and waves as developed from the basic experimental laws. Application of these theories is made to d.c. and a.c. circuits. Emphasis is placed upon techniques of problem solving. Prerequisite: One year of physics and intermediate calculus. 5 quarter hours each

PY 313, 314 Mechanics. A study of the laws and principles of statics, dynamics, vectors, torques, conditions for equilibrium and moments of inertia. The solution of many problems is required. Prerequisite: one year of physics and intermediate calculus. 5 quarter hours each

PY 322 Optics. A course dealing with the theories and nature of light and its propagation. Prerequisite: one year of physics and intermediate calculus. 5 quarter hours

PY 411 Heat and Thermodyamics. A study of calorimetry, equations of state, heat transfer and the laws of thermodynamics. Prerequisite: one year of physics and intermediate calculus. 5 quarter hours

PY 412 Modern Physics. A course in the electronic structure of the atom including the nature of matter, electromagnetic radiations, x-rays, and crystal structure. Prerequisite: one year of physics and intermediate calculus. 5 quarter hours

PY 414 Nuclear Physics. The structure of the atomic nucleus, isotopes, natural radioactivity, the laws of radioactive transformation, transmutation, nuclear reactions and nuclear structure. Prerequisite: one year of physics and intermediate calculus. 5 quarter hours

PY 420 Problems in Theoretical Physics. Prerequisite: one year of physics and MA 421. 5 quarter hours

PY 451, 452, 453 Special Topics in Physics. To be offered on occasion of student demand and need. Possible topic areas include holography, quantum mechanics, and particle physics. 1-5 quarter hours each

PY 460 Independent Study and Research (Honors Only) 1-5 quarter hours

SCIENTIFIC TECHNOLOGIES

The Department of Scientific Technologies is a multi-discipline department which deals with the theory and practical applications of modern technologies. The primary areas of concentration are in Instrumentation and Nondestructive Testing and Technical Management. The following concentrations are available: Instrumen-

tation Technology, Nondestructive Testing Technology, Instrumentation Science, Nondestructive Testing Science and Technical Management Science. The required courses for obtaining a Bachelor of Science degree in Instrumentation Technology are:

Instrumentation Technology:	
Analog Electronics and Instrumentation	5 quarter hours
Digital Electronics and Instrumentation	5 quarter hours
Electronic Materials Technology	5 quarter hours
Electro-optics	5 quarter hours
Interfacing Fundamentals	5 quarter hours
Instrumental Analysis	5 quarter hours
Microprocessor Technology	5 quarter hours
Advanced Analog Electronics	5 quarter hours
Calculus & Analytical Geometry	10 quarter hours
Chemistry or Physics	15 quarter hours
IT Electives	15 quarter hours
Nondestructive Testing Technology:	
Principles of Materials Technology	10 quarter hours
Principles of Radiographic Testing I	5 quarter hours
Principles of Ultrasonic Testing	5 quarter hours
Advanced NDT Concepts	5 quarter hours
Principles of Surface Inspection Techniques	5 quarter hours
Radiographic Testing II	5 quarter hours
Principles of Leak Testing	5 quarter hours
Eddy Current Testing	5 quarter hours
NT Electives	10 quarter hours

Completion of these courses will satisfy the educational requirements recommended by SNT-TC-1A of the American Society for Nondestructive Testing. Additional required course are:

Analog Electronics and Instrumentation	5 quarter hours
Digital Electronics and Instrumentation	5 quarter hours
Physics	15 quarter hours
Calculus and Analytical Geometry	10 quarter hours

INSTRUMENTATION SCIENCE AND NONDESTRUCTIVE TESTING SCIENCE

Those students who are interested in continuing their education beyond the Baccalaureate degree and who enroll in a scientific or engineering graduate program should complete only programs which lead to a Bachelor of Science degree in Instrumentation Science or Nondestructive Testing Science. In addition to the previously listed core courses, these students should complete:

Intermediate Calculus	10 quarter hours
Differential Equations	5 quarter hours
Upper Level Chemistry	5 quarter hours
Upper Level Physics	5 quarter hours

SCIENTIFIC TECHNOLOGY MINORS

INSTRUMENTATION	
Analog Electronics & Instrumentation	5 quarter hours
Digital Electronics & Instrumentation	5 quarter hours
Microprocessor Technology	5 quarter hours
Instrumental Analysis	5 quarter hours
Two Electives	10 quarter hours
COMPUTER SCIENCE	
BASIC Programming	5 quarter hours
COBOL Programming I	5 quarter hours
COBOL Programming II	5 quarter hours
FORTRAN Programming	5 quarter hours
Computer Science Electives	10 quarter hours
NONDESTRUCTIVE TESTING	
Intro. to Nondestructive Testing	5 quarter hours
Intro. to Materials Technology I & II	10 quarter hours
Principles of Surface Inspection Tech.	5 quarter hours
Principles of Radiographic Test I & II	10 quarter hours
Nondestructive Testing Electives	10 quarter hours

INSTRUMENTATION

IT 301 Analog Electronics and Instrumentation. Lecture and laboratory sequence covers analog electronics in terms of basic principles, operational amplifiers, and applications to scientific and industrial instrumentation systems. Includes laboratory. 7 quarter hours

IT 303 Digital Electronics and Instrumentation. Lecture and laboratory sequence provides basics of digital circuits, their applications, and their interfacing with analog instruments. Includes laboratory. 7 quarter hours

IT 310 Microprocessor Technology. Covers structure, programming, theory, and applications of microprocessors. Introduces microcomputers for automatic control. 5 quarter hours.

IT 315 Instrument Maintenance and Repair. Illustrates theory and practice of maintenance and repair. Covers servo systems, solid state, and electron tube components and circuits. Lab Included. 5 quarter hours

IT 400 Advanced Analog Instrumentation. Theoletical analysis of modern networks using operational amplifiers, analog filters, and practical circuits for communications and data acquisition systems. Lab included. 5 quarter hours

IT 401 Introduction to Computer Instrumentation and Communications. Survey course on modern computers, their architecture and peripherals. Illustrates functional breakdown of systems and their applications. Knowledge of programming is useful but not required. 5 quarter hours

IT 402 Interfacing Fundamentals. Provides necessary background to interface analog instruments to digital systems including computers. Emphasizes A/C and D/C circuits and their utility as interface elements. Lab included. 5 quarter hours

IT 410 Instrumental Analysis. Theoretical and practical application of modern instrumentation to problems in analytical chemistry, applied chemistry and physics. Optical, electronic, chromatographic and electrochemical techniques are included. Laboratory included. Also listed as CH 410-411. 5 quarter hours each

IT 416 Applied Digital Electronics. Designed to acquaint students with the theory and applications of digital electronics. Offers investigative opportunity for the student to explore his own creativeness in digital design and applications. More advanced than IT 303. Laboratory included. 5 quarter hours

IT 420 Electro-Optics. Emphasizes the latest technology in laser systems, light detection and displays, and applications. Optics helpful, but not required. Laboratory included. 5 quarter hours

IT 430 Electronic Materials Technology. Covers solid state theory and applications, theoretical analysis of semiconductors and photoactivated devices. 5 quarter hours

IT 440 Process Control Instrumentation. Provides an in-depth analysis of process control fundamentals, transducers and instrumentation. Laboratory included. 5 quarter hours

IT 451, 452, 453 Special Topics in Instrumentation Technology. Offered upon student demand or need. 5 quarter hours each

NONDESTRUCTIVE TESTING (NT)

NT 300 Introduction to Nondestructive Testing. Presents an overview on the need for NDT and the major techniques used in NDT. Also provides an introduction to welding and other metal joining techniques. 5 quarter hours

NT 302-3 Introduction to Materials Technology. Properties of materials, with emphasis on construction materials. Includes alloys, welds, beams, forgings and castings. Laboratory included. 5 quarter hours each

NT 305 Principles of Surface Inspection Techniques. Lecture and laboratory instruction of the basics in eddy current testing, magnetic and penetrant testing. 5 quarter hours

NT 310-11 Principles of Radiographic Testing. Radiographic safety, sources, and equipment. Also covered is the fundamental requirements for photographic radiography. Laboratory included. 5 quarter hours each

NT 401 Interpretation of Codes and Specifications. Provides basic understanding of codes generated by the various groups such as ANSI and ASME. Blueprint reading specifications comprehension, writing of NDT procedures also covered. 5 quarter hours

NT 420-21 Principles of Ultrasonic Testing. Theory of sound, generation and propagation of ultrasound, systems and test methods. NT 321 required with this course. Laboratory included. 5 quarter hours each

NT 430 Advanced Nondestructive Testing Concepts. Provides basic instruction in acoustic emission, holography, acoustical holographic NDT, infra-red imaging, and other advanced concepts. 5 quarter hours

NT 440 Eddy Current Testing. Provides an introduction to electromagnetic induction phenomena and how principles can be employed to perform nondestructive tests, such as crack detection, thickness measurement, material identification, and heat treat verification. Includes laboratory. 5 quarter hours

NT 450 Principles of Leak Testing. Introduces concepts of fluid flow, vacuum science, mass spectrometry, and their applications in leak testing. Laboratory included. 5 quarter hours

NT 451, 452, 453 Special Topics in Nondestructive Testing. Offered on demand or student need. 5 quarter hours each

COMPUTER SCIENCE (CS)

BU/CS 301 Basic Programming. Introduction to computing for scientific business and Social Science students who have limited or no previous knowledge of computer programming concepts. Includes: fundamentals of programming and basic language. 5 quarter hours

CS 305 Computer Science Programming in RPG. Introduces the use of the RPG language to solve many business and data processing programs. Emphasis is upon the programming language and its applications. Prerequisite: CS 301. 5 quarter hours

CS 320-1 Computer Science Programming in COBOL I & II. Introduces computer applications in business and economics. Emphasis is upon the use of the COBOL programming language for data processing and business modeling examples. 5 quarter hours each

CS 330 Computer Science Programming in FORTRAN. Introduction to the concepts of algorithms, program construction, and the use of FORTRAN language in both numerical and non-numerical applications. 5 quarter hours

CS 340 Assembly Language Programming. Extends programming concepts to machine level using assemblers, macros, and other software aids. Prerequisites: CS 330 or IT 310. 5 quarter hours

CS 430 Advanced Business Applications. Develops advanced techniques in COBOL, FORTRAN, and Assembler to provide in-depth analysis for simulations, modeling, business statistics, and large data networks. Uses structured programming techniques and software engineering concepts. Prerequisites: CS 320, 321, 330, and 340. 5 quarter hours

CS 451, 452, 453 Special Topics in Computer Science. Topics which may be covered are information structures, data base management systems, and elements of information theory. Prerequisites: CS 320, 321, and 330. 5 quarter hours each.

SCIENCE COURSES FOR THE NON-SCIENCE MAJOR

Ordinarily these courses may not be taken for credit toward a science major or minor.

GS 307 Small Computers for Business and Personal Use. The evolving technology in microcomputer systems will enable more laymen to become computer users in the near future. This course develops the concepts required for users of small computer systems for non-technical individuals. 5 quarter hours

BI 321 Environmental Studies. Presents physical, biological, economic, and sociological aspects of environmental pollution. 5 quarter hours

BI 322 Evolution, Heredity and Human Affairs. Presents an integrated, total picture of humanity through details and examples of evolution, emphasizing the descent of man, reproduction as a mechanism for the transmission of hereditary traits, and basic principles of inheritance. 5 quarter hours

BI 323 Fundamentals of Human Sexuality. A comprehensive and integrated approach to human sexuality emphasizing biological, sociological and psychological aspects. 5 quarter hours

INTERDEPARTMENTAL MAJORS
HEALTH SCIENCES

Athens State College believes that the medical sciences should be augmented with general studies. The close contact that members of the medical professions have with other individuals and the concomitant need for understanding and relating to these individuals as unique human beings are bases for the liberal arts program.

Programs have been initiated which lead to a Bachelor of Science degree with a major in the Health Sciences. These programs offer the successful applicant who is an RN a two year program for graduation with a B.S. degree. There are a sufficient number of program options to allow the prospective student a wide latitude of choice of subject matter for an emphasis area.

The following credentials will be required and should be submitted to Athens State College:

1. a transcript of the school of nursing record,
2. a copy of the scores on the State Board of Nursing examinations (obtainable from the school of nursing attended or from the Executive director of the State Board of Nursing), and
3. application materials normally required of all entering students.

College work taken in addition to the school of nursing requirements will be evaluated on its own merit for advanced standing and transfer credit. Course work taken at an accredited college or university as part of the school of nursing requirements will be evaluated for advanced standing.

The programs in Health Sciences are composed of two parts: Basic requirements and Core Curriculum.

The Basic Requirements are common to all Bachelor of Science programs.

The core curriculum further requires an academic major in one of the regular departments. The chosen major for the B.S. degree in Health Sciences may be satisfied by meeting the credits specified within that department for the major in the B.S. in Education program. If the chosen department does not specify a major for the B.S. in Education program, forty (40) quarter hours in that department will satisfy the requirements. No less than ninety-six (96) quarter hours of academic subject matter, in addition to the nursing school courses, are required for these programs.

Similar programs can be tailored to the needs of the student who has been certified in one of the para-medical fields such as dental hygiene, medical records, medical technology, health physicist, animal health technology and similar related health associated degree.

NATURAL SCIENCES

This major is limited to the students seeking teacher certification only. The student will be required to complete 55 hours in the Division of Natural Sciences to include one year each of General Biology, General Chemistry, and General Physics. At least ten (10) quarter hours of this study must be completed at Athens State College. The interested student is referred to the department of his/her choice within the division of Natural Science.

TECHNICAL MANAGEMENT

Athens State College offers to interested students a Bachelor of Science degree with a major in Technical Management. The degree consists of a minimal major in Biology, Chemistry, Mathematics, Physics, or a Scientific Technology and a core curriculum in Business Administration.

All programs have the following course requirements:

1. Specific general education requirements for the Bachelor of Science degree.
2. Principles of Economics — 10 quarter hours
   - Principles of Accounting — 10 quarter hours
   - Management and Organization — 5 quarter hours
   - Statistics in Business — 5 quarter hours
   - Legal Aspects of Business — 5 quarter hours
   - Managerial Finance — 5 quarter hours
   - Marketing Organization — 5 quarter hours
3. Mathematics and Science Courses:
   - Calculus and Analytic Geometry — 10 quarter hours
   - *General Chemistry — 15 quarter hours
   - *Physics — 15 quarter hours
   - Basic or Fortran Programming — 5 quarter hours

A student must complete one of the following concentrations.

BIOLOGY

General Biology	15 quarter hours
Cell Biology	5 quarter hours
General Ecology	5 quarter hours
Genetics	5 quarter hours
Biology Electives	10 quarter hours

CHEMISTRY

Organic Chemistry	15 quarter hours
Analytical Chemistry	5 quarter hours
Physical Chemistry	5 quarter hours
Chemistry Electives	10 quarter hours

MATHEMATICS

Intermediate Calculus	10 quarter hours
Mathematics Electives	20 quarter hours

PHYSICS

Intermediate Calculus	10 quarter hours
Physics Electives	30 quarter hours

SCIENTIFIC TECHNOLOGIES*

(A choice of the following concentrations)

INSTRUMENTATION	
Eight 5 hour courses	40 quarter hours
NONDESTRUCTIVE TESTING	
Eight 5 hour courses	40 quarter hours
COMPUTER SCIENCE	
COBOL Programming I & II	10 quarter hours
FORTRAN Programming	5 quarter hours
Assembly Language Programming	5 quarter hours
Prog. Applications in RPG	5 quarter hours

Advanced Business Applications in Information Systems	5 quarter hours
Two approved 400 level Computer Science Courses	10 quarter hours

*For the SCIENTIFIC TECHNOLOGIES OPTION, either General Chemistry or General Physics is required.

DIVISION OF SOCIAL SCIENCES

The Division of Social Sciences offers the Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Education Degree. Major areas of study include History, Political Science, Psychology, Sociology, and interdepartmental majors of Behavioral Science, Social Studies, and Criminal Justice.

HISTORY (HY)

The Department of History seeks to develop in its students an appreciation of our cultural heritage, an understanding of the world in which we live, and an awareness of the future. It strives to develop, in its majors, the research abilities necessary for graduate work.

Through service courses of interest to the non-major it makes the student aware of the cultural legacy from Europe, England, and the United States and affords an opportunity to study other areas of the world, as Latin America, and the Middle East.

The Core courses required for majors in History are listed below and should be completed by all majors.

The student is to complete the following courses of the core prior to entering Athens State College:

Western Civilization	10 quarter hours
U.S. History Survey	10 quarter hours
American Government	5 quarter hours

Following matriculation at Athens State College each major is to complete:

HY/So 301 Social Science Research Techniques and Methods
HY 311 Dawn of Modern Europe
HY 312 Revolutionary Europe
HY 313 Europe in the Nineteenth Century
HY 314 Contemporary Europe
HY 400 Colonial, Revolutionary and Federalist America
HY 402 Civil War, Reconstruction, and Industrialized America
HY 403 Twentieth Century America
History Elective 1 course

BACHELOR OF ARTS—HISTORY

The student who seeks to complete the Bachelor of Arts degree, which is the degree often taken by those students who plan to continue studies into graduate school, is to additionally complete:

HY 321-322 History of England

The Bachelor of Arts program requires the student to complete an approved minor.

BACHELOR OF SCIENCE IN EDUCATION—HISTORY

The student who seeks to teach history in the secondary school should complete the professional education courses and an approved minor as well as the core history courses outlined earlier.

HISTORY MINOR

History is an approved area of study for a minor. The student is to complete at least thirty (30) quarter hours of courses in History to include two of the following three courses:

HY 400 Colonial, Revolutionary, and Federalist America
HY 402 Civil War, Reconstruction, and Industrialized America
HY 403 Twentieth Century America

plus one advanced history course in a history area other than American History.

HISTORY (HY)

HY/SO 301 Social Science Research Techniques and Methods. Emphasizes principles of social science research and study of major historians. Aims at preparation of teaching materials. Required of history and social science majors. Should be taken at the beginning of the Junior year. 5 quarter hours

HY/SO 302 Great American Issues. A comparative course designed to examine continuing American issues. Emphasis is placed on contemporary problems through the use of readings, dramatizations, and discussions. 5 quarter hours

HY 303 Alabama State History. The history of Alabama and its southern heritage from early times to the present. Present day problems and the space age are included. 5 quarter hours

HY 310 Ancient World. A study of the ancient world from prehistoric times, to the collapse of the Roman Empire. 5 quarter hours

HY 311 Dawn of Modern Europe. A study of the leading events, institutions, and contributions of the Middle Ages, surveyed as a background to the development of modern Europe. The major portion of the course is devoted to modern European trends as the rise of the nation-state, age of exploration, the Renaissance and the Reformation movements. 5 quarter hours

HY 312 Revolutionary Europe. A study of the background and the events of the French Revolution and the Napoleonic Period (1715-1815). Prerequisite: Western Civilization or equivalent. 5 quarter hours

HY 313 Europe in the Nineteenth Century. A study of the social, political, and industrial forces which shaped modern Europe in the century 1815-1914. Prerequisite: Western Civilization. 5 quarter hours

HY 314 Contemporary Europe. The social, political, and economic development of Europe in the twentieth century. 5 quarter hours

HY 321, 322 History of England. A survey of British History from 55 B.C. to the present. Encompasses political, constitutional, socio-economic and cultural-intellectual movements. 5 quarter hours each

HY 323 Twentieth Century Latin-America. This course covers the political, social, economic and cultural developments of the Central and South American states. Spanish institutions, and nineteenth century trends pertinent to the modern development of these republics are considered. 5 quarter hours

HY 354 Communist Areas Studies. See PO 354 for course description. 5 quarter hours

HY 361 The South in United States History. A study of the South as a region. A survey of its historical, economic, and social development and the role of the South in United States history. 5 quarter hours

HY 400 Colonial Revolutionary and Federalist America. A survey of Anglo American Colonial history and revolutionary developments, and the ratification of the new constitution. 5 quarter hours

HY 402 Civil War, Reconstruction, and Industrialization of America. Causes, events and results of the Civil War, political, economic, and social aspects of reconstruction, and the industrialization, urbanization, rising demand for social justice, and the growing independence of the people of the United States are emphasized. 5 quarter hours

HY 403 Twentieth Century America. A survey of the political, social, cultural and economic happenings in twentieth century America. Emphasis is placed on the Progressive Movement, role of the United States in world affairs, post World War I era, and developments since World War II. 5 quarter hours

HY 435 The Middle East. A survey of the historical and cultural characteristics of those countries from Mauritania and Morocco to Afghanistan. Emphasis will be placed on the historical development and Arabization of the region, current socio-economic problems, the strategic significance of the area, and its relations to the rest of the world. 5 quarter hours

HY 460 Studies in History. A special course to meet the specific needs and interests of students. 5 quarter hours

HY 461 Backgrounds of Current Events. Current topics in the news are selected, analyzed and discussed in this course. Their backgrounds are traced. Use is made of news magazines, television, guest speakers and forum type discussions to achieve this objective. 1 quarter hour

SOCIOLOGY

The purpose of the sociology program is to develop in the student an awareness of the social influences upon human behavior and the influence that individuals have upon the groups with which they interact. Study in this discipline should prepare the individual to perform social service functions in the community. Careers related to this function include social welfare work, counseling in mental health centers, hospitals or other service agencies, teaching, probation/parole, and other similar roles.

The student should complete the following courses in the transfer program durmng the first two years of study:

Biological Sciences
Introduction to Sociology
History
Human Anatomy and Physiology
or
Human Genetics

The core courses required for majors in Sociology are listed below and should be completed by all majors at Athens State College:

SO 312 Minority Group Relations
or
SO 314 Population Study
SO 341 Statistics in Behavioral Science
SO 350 Concepts of Justice
SO 361 Social Analysis
or
SO 452 Advanced Criminology
SO 362 Deviant Social Behavior
SO 461 History and Principles of Social Science
In addition fifteen (15) quarter hours of Sociology electives

BACHELOR OF ARTS/BACHELOR OF SCIENCE SOCIOLOGY

The student who plans to attend graduate school often seeks the Bachelor of Arts Degree. In addition to an approved minor, the student should complete the core courses in sociology and the sociology electives as specified.

The student who completes the prescribed courses in Sociology may receive a Bachelor of Science degree. This degree does not require a minor.

BACHELOR OF SCIENCE IN EDUCATION SOCIOLOGY

The student who plans to teach in the secondary school should complete the core courses, an approved minor, and the professional education requirements for the Bachelor of Science in Education degree.

MINOR—SOCIOLOGY

The student should complete thirty (30) quarter hours of study in Sociology to include:

SO 312 Minority Group Relations
SO 341 Statistics in Behavioral Science
SO 362 Deviant Social Behavior
SO 461 History and Principles of Social Science
In addition ten (10) quarter hours of sociology electives

SOCIOLOGY (SO)

SO 300 Moral Values in Today's Society. See PH 300 for course description. 5 quarter hours

SO 304 Sociology of Work. Consists of a sociological analysis of work in pre-industrial and industrial societies; a consideration of problems involved in the conceptual and empirical definitions of occupations and professions; an examination of the process of professionalization, and the study of leisure and the social consequences of changes in occupations and professions. 5 quarter hours

SO 312 Minority Group Relations. Minority group contacts and conflicts with an emphasis upon negative prejudice and its effects upon minority group status in the United States. 5 quarter hours

SO 314 Population Study. The relationship of demographic factors to the social structure. Trends in fertility, mortality, population growth, distribution, migration, and composition. 5 quarter hours

SO 340 Methods of Behavioral Science Research. Planning and conduct of behavioral science research with emphasis upon specific techniques and the relationship of research and theory. Also listed as PS 340. Recommended for SO, PS, BS and CJ majors. 5 quarter hours

SO 341 Statistics in Behavioral Science. The techniques of statistical analysis of behavioral science data. SO and PS majors and minors or permission. Also listed as PS 341. 5 quarter hours

SO 350 Concepts of Justice. The course is designed to acquaint the student with historical and ethical background of the law and familiarize him with present day principles of law applicable to the student's everyday life. (Not a substitute for BU 311 or BU 312.) Also listed as PO 350. 5 quarter hours

SO 351 Political Sociology. See PO 351 for course description. 5 quarter hours

SO 360 The Contemporary American Family. Study of the relationships of family structure to social organization. To understand the influence of change on family life styles in transition from patriarchal to equalitarian and the legal ramification of divorces, estates and wills. 5 quarter hours

SO 361 Social Analysis. Varieties of deviant behavior and social disorganization, facts and theories concerning their causes, nature, and control to develop a biological, psychological, religious and sociological base from which to investigate group behavior. 5 quarter hours

SO 362 Deviant Social Behavior. An in-depth examination of the social implication of labeling deviant behavior, its effects upon both the indiidual and society. 5 quarter hours

SO 363 Social Structure and Personality. An analysis of the relationship of the culture and individual behavior through social influences. 5 quarter hours

SO 364 Civil Liberties. Designed for the non-lawyer, general social science student interested in balancing government interests (group rights) with individual rights across the broad American spectrum of social interrelations. 5 quarter hours

SO 401 Adult Corrections. See CJ 401 for course description. 5 quarter hours

SO 452 Advanced Criminology. Analysis of social causal process and theories by which individuals become criminals and evaluate the efforts of the effective criminal justice system in returning helpful, contributing citizens back to society. Historical and contemporary orientation. 5 quarter hours

SO 453 Juvenile Delinquency. An in-depth examination of juvenile delinquency with a sociological framework. Includes both a theoretical and practical emphasis. 5 quarter hours

SO 460. Studies in Sociology. Designed to examine selected topics from a sociological perspective. 5 quarter hours

SO 461 History and Principles of Social Science. An historical examination of the theories and principles of social science. 5 quarter hours

SO 464, 465 Seminar and Field Observation in Social Work. This course will entail approximately six to eight hours of active field observation per week in cooperation with specific social work agencies in this area. A term paper will be required. (Course requires instructor's permission). 5 quarter hours each

SO 471 Problems of the Aging. A study of the aging process, the special problems encountered by the aging and by the institutions of society involved in the care of the aging. 5 quarter hours

CRIMINAL JUSTICE

This program is planned to present and enhance student opportunities offered by the criminal justice field relating to a wide area of professional involvement in criminal law related institutions. These opportunities include professional roles in law enforcement (including security positions in private industry) and paralegal roles in the courts (trial aids and judicial administrative assistant) and in the area of correction (probation, parole, institutional planning/reform pertinent to sentencing input and supervision.)

Prior to entering Athens State College the student should have completed an associate degree with thirty-five (35) quarter hours study in Law Enforcement Technology.

CORE COURSES

CJ 301 The Criminal Justice Process
CJ 302 Criminal Justice—Courts
CJ 401 Adult Corrections
CJ 408 Psychology of Criminal Behavior
MG 346 Management and Organization
PS 352 Abnormal Psychology
SO 452 Advanced Criminology

The student must also select one of the two concentrations below in addition to completing the core.

1. Administration of Justice

The required courses for this program include:

AC 231/232 Principles of Accounting I and II	10 quarter hours
EC 222/223 Principles of Economics	10 quarter hours
EC 415 Managerial Finance	5 quarter hours
BU 305 Statistical Methods of Business	5 quarter hours
BU 311 Legal Aspects of Business	5 quarter hours
BU 312 Legal Aspects of Business II	5 quarter hours
MG 349 Personnel Management	5 quarter hours
MG 420 Business Policy	5 quarter hours

2. Corrections and Behavioral Sciences

PS/SO 341 Statistics in Behavioral Sciences	5 quarter hours
PS 331 Social Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
PS 370 Behavioral Modification	5 quarter hours
SO 312 Minority Group Relations	5 quarter hours
SO 361 Deviant Social Behavior	5 quarter hours
SO 364 Civil Liberties	5 quarter hours
SO 453 Juvenile Delinquency	5 quarter hours

CRIMINAL JUSTICE (CJ)

CJ 301 The Criminal Justice Process. Competencies, presumptions and types of evidence; emphasis on rights and duties among participants in Criminal Justice system. 5 quarter hours

CJ 302 Criminal Justice—Courts. Processes of civil and criminal justice from preliminaries to trial, to the point of final disposition, organization of the court, arraignment of the accused, pleas and motion, matters related to findings and sentence, and appellate review will be stressed. 5 quarter hours

CJ 401 Adult Correction. Socioeconomic facets of crime and principles and practices of deliquency, probation and parole, interaction (environmental and attitudinal) of persons from sentencing to return to society will be stressed. 5 quarter hours

CJ 408 Psychology of Criminal Behavior. For course description see PS 408. 5 quarter hours

CJ 410 Advanced Criminal Investigation. Advanced study of new developments in the field of criminal identification systems and detection methods. Local action projects will be encouraged to implement improved policies, procedures, and practices in law enforcement agencies. 5 quarter hours

CJ 460 Directed Studies in Criminal Justice. Research and analyses of specific problems encountered in the criminal justice process. 5 quarter hours

SOCIAL STUDIES (SO)

The student who seeks a Bachelor of Science in Education should plan to complete a major in Social Studies as outlined below and a minor in History, Political Science or Sociology. The student who transfers from a junior college and seeks a social studies major is to complete the following courses at the lower division level:

Western Civilization	10 quarter hours
Survey of American History	10 quarter hours
American Government	5 quarter hours
Introduction to Sociology	5 quarter hours

A major in Social Studies is to complete the following courses at Athens State College:

HY 301 Social Science Research Techniques and Methods
HY 400 Colonial Revolutionary and Federalist America
HY 402 Civil War, Reconstruction, and Industrialization of America
HY 403 Twentieth Century America
PO 305 Alabama Government (or an acceptable substitute for non-Alabama residents)
SO 364 Civil Liberties
GO 309 World Regional Geography
GO 311 Economic Geography

Students should be reminded that a course cannot simultaneously be counted in both the major and the minor. However, in the intradivision program the student may select forty five (45) quarter hours in Social Studies and thirty (30) quarter hours in either History, Sociology, or Political Science to complete major and minor requirements.

GENERAL STUDIES

The General Studies program is designed for students who have no specified career goal in mind and who seek personal enrichment or fulfillment through collegiate study. While no specified major courses are required, the student must comply with all degree requirements for the Bachelor of Science degree and all other college regulations.

PSYCHOLOGY (PS)

The Department of Psychology has as its predominate goal the preparation of students for success in graduate programs and careers in psychology. The department attempts to facilitate the development of essential skills and professional commitment. Four degree programs are offered: Bachelor of Science in Psychology, Bachelor of Science in Behavioral Science, Bachelor of Science in Education, and Bachelor of Arts in Psychology. Each degree plan exposes the student to the various fields of psychology and offers opportunity for student involvement in behavioral research projects and supervised field experiences.

The Psychology Department, located in Naylor Hall, provides library resources, job placement and graduate study information, and a research facility available to students pursuing various experimental or research interest.

The student who plans to major in Psychology at Athens State College should complete the following courses in the first two years of study:

General Psychology 5 or 10 quarter hours

The required core courses for the major include:

PS 332 Child Psychology

or

PS 334 Adolescent Psychology
PS 331 Social Psychology
PS 341 Statistics in Behavioral Science
PS 352 Abnormal Psychology
PS 400 Experimental Psychology
PS 402 Seminar in Psychotherapy
Electives in Psychology 10 quarter hours

The student who plans to receive the Bachelor of Arts degree should complete the core program, an approved minor, and ten (10) quarter hours additional study in psychology electives. The student who wishes to receive a Bachelor of Science degree must complete the required Psychology courses but is not required to complete a minor.

BACHELOR OF SCIENCE IN EDUCATION

The student who plans to teach psychology courses in the secondary school should complete the core courses for a major in psychology, an approved minor, the professional courses and the following:

PS 332 Child Psychology
PS 334 Adolescent Psychology

MINOR

The student should plan to complete thirty (30) quarter hours in psychology to include PS 352 Abnormal Psychology.

PSYCHOLOGY (PS)

PS 300 Contemporary Psychology. A consideration of the major areas of contemporary psychology and an analysis of the representative theories and systems for understanding and interpreting behavior. 5 quarter hours

PS 330 Educational Psychology. Application of psychological concepts and principles to classroom teaching and learning especially in the areas of motivation, individual differences, adjustment, and teacher-student interaction. 5 quarter hours

PS 331 Social Psychology. The relationship of the individual to social systems with special reference to the socialization process, group dynamics, social conflict, and person perception. The course includes a brief introduction to methods of research. 5 quarter hours

PS 332 Child Psychology. A study of the physical, mental, social and emotional development of the child. 5 quarter hours

PS 334 Adolescent Psychology. Biological, psychological and sociological perspectives with consideration of major theoretical approaches to adolescent development, development of cognitive processes, social attachments, sexual differences, emotional development, values and moral attitudes. 5 quarter hours

PS 335 Adult Psychology. Examines the scope of adult psychology to include physical and intellectual development, personality and social development, the family and vocational development during young adulthood, the middle years, and retirement. 5 quarter hours

PS 336 Learning Theories. A survey of research and experiments in learning and related growth of the major theories of learning. 5 quarter hours

PS 341 Statistics in Behavioral Science. Planning and conduct of behavioral science research with emphasis upon elementary statistical analysis of behavioral science data. Prerequisite: PS or SO majors or minors or permission. Also listed as SO 341. 5 quarter hours

PS 352 Abnormal Psychology. A close consideration of the biological, biochemical, genetic, psychological, and psychosocial factors in behavior pathology. Issues of diagnosis, prognosis, and treatment will be studied. 5 quarter hours

PS 368 Industrial and Personnel Psychology. The application of psychology to industrial organization. Areas of consideration include morale and group processes, supervisory leadership, selection and placement, training, motivation, fatigue, accidents, interviewing, and industrial counseling. Also listed as BU 368. 5 quarter hours

PS 370 Behavior Modification. A study of the application of learning theory in changing human behavior. The course explores principles of learning and application of techniques designed to modify human behavior in a variety of settings. Prerequisite: PS 352. Abnormal Psychology. 5 quarter hours

PS 400 Experimental Psychology. An introductory course in experimental methods and procedures in psychology. Includes such areas as perception, sensation, cognition, emotion, language, learning and retention. Relevant research with humans and other animals. A laboratory and lecture course. Prerequisites: PS majors or minors with twenty (20) quarter hours in psychology including PS 341 Statistics in Behavioral Science. 5 quarter hours

PS 402 Seminar in Psychotherapy. An introduction in personality theory and the techniques of counseling and psychotherapy. An approach to psychotherapy and psychotherapeutic techniques will be emphasized within which various schools of thought can be considered in terms of a common framework. Prerequisite: PS 352 Abnormal Psychology. 5 quarter hours

PS 403 Seminar in Parapsychology. A study of the phenomena associated with extra-sensory perception, psychokinesis, unexplained events and related topics. 5 quarter hours

PS 404 Drug Dependence. The basic pharmacological and psychological variables in the problem and treatment of drug dependence. 5 quarter hours

PS 405 Biofeedback. Basic principles of biofeedback with emphasis on clinical and research applications. Laboratory included. 5 quarter hours

PS 406 Physiological Psychology. A study of the relationships between physiological functions, especially those of the nervous system, and psychological functions, with special reference to perception, emotion, motivation, learning, vision, audition, taste and olfaction, sleep and dreaming. Lecture, discussion and laboratory research. 5 quarter hours

PS 408 Psychology of Criminal Behavior. Personality and psychological factors in criminal behavior with special reference to behavior systems and types of criminal behavior, the psychology of treatment and control; societal values and community factors. Prerequisite: PS 352. 5 quarter hours

PS 460 Special Studies in Psychology. Research and exploration in areas not included in other course offerings. 1 to 5 quarter hours

PS 461 Tests and Measurements. Principles and procedures of measurement and evaluation to include consideration of effective evaluative methods, construction of classroom tests and use of standardized tests. 5 quarter hours

PS 470, 471 Practicum in Psychology. Provides supervised experiences in appropriate community agencies, institutions, industrial or research settings. The course includes a weekly seminar with discussion and evaluation of experiences in the field. 5 quarter hours each

BEHAVIORAL SCIENCE

The Bachelor of Science in Behavioral Science at Athens State College is an inter-disciplinary program having at its heart a co-emphasis upon both the sociological and psychological points of view relative to the development and functioning of humans. It is felt that an approach which recognizes the uniqueness of individuals while at the same time taking into consideration the social nature of people will prepare students jointly for either work in the human resource field at the baccalaureate level or continued graduate study in Sociology, Psychology or Social Work. The behavioral science program is an excellent program for those students graduating from junior college with a specialty in mental health, since it gives the student the opportunity to explore and utilize different yet overlapping approaches within a socio-psychological framework relative to human problems in preparation for work in the mental health field.

A student majoring in Behavioral Science is required to complete at least forty five (45) quarter hours in Psychology and forty-five (45) quarter hours in Sociology, plus the Behavioral Statistics course.

The recommended transfer program should include:

Biological Sciences	5 quarter hours
Human Anatomy and Physiology or Human Genetics	5 quarter hours
Introduction to Sociology	5 quarter hours
General Psychology	5 quarter hours

Upper division major requirements include:

PS 331 Social Psychology
PS 332 Child Psychology
or
PS 334 Adolescent Psychology
PS 352 Abnormal Psychology
PS 400 Experimental Psychology
SO 312 Minority Group Relations
or
SO 314 Population Study
SO 360 The Contemporary American Family
or
SO 350 Concepts of Justice
SO 361 Social Analysis
or
SO 452 Advanced Criminology
SO 362 Deviant Social Behavior
SO/PS 241 Statistics in Behavioral Science

In addition the student must have electives to complete the required forty-five (45) quarter hours in psychology and forty-five (45) quarter hours in sociology.

POLITICAL SCIENCE

The Department of Political Science seeks to provide background for careers in law, teaching, public administration, and foreign service. Prior to entering Athens State College the student should complete:

Western Civilization	10 quarter hours
American Government	5 quarter hours

The student should plan to complete the following courses at Athens State College:

PO 302 Problems of American Government
PO 303 Comparative State and Urban Government
or
PO 305 Alabama Government
PO 351 Political Sociology
PO 353 Comparative Political Systems
or
PO 354 Communist Area Studies
PO 356 American Foreign Policy
PO 453 International Politics
or
PO 319 Introduction to International Commerce

BACHELOR OF ARTS/BACHELOR OF SCIENCE POLITICAL SCIENCE

The student preparing to attend graduate school or enter government service should complete the Bachelor of Arts degree with a major in Political Science and an approved minor. However, he/she may select the Bachelor of Science degree, which does not require a minor.

Additional courses required for these degrees include:

PO 305 Alabama Government
PO 358 Public Administration

BACHELOR OF SCIENCE IN EDUCATION POLITICAL SCIENCE

The student planning to teach political science courses such as American Government, Alabama Government, World Studies, and Communism, in the secondary school should complete the core courses in political science, the required professional education program, and an approved minor for the Bachelor of Science in Education Degree.

MINOR

The student seeking a minor in Political Science should complete thirty (30) quarter hours of political science courses to include the following courses at Athens State College:

PO 300 American Domestic Political Problems
PO 303 Comparative State and Urban Government
PO 453 International Politics

COURSES IN POLITICAL SCIENCE (PO)

PO 300 American Domestic Political Problems. This course reviews the federal government's attempts to solve problems in the following areas: Welfare, Education, Health, Pollution, Energy Crisis, Crime, Economy, Budget, Taxation, Supreme Court Decisions, Minority Group. 5 quarter hours

PO 302 Problems of American Government. A study of the structure and institutional problems of American government in contemporary perspective. 5 quarter hours

PO 303 Comparative State and Urban Government. This course is a comparative examination of the operation, issues, and theories of state and urban government throughout the United States. 5 quarter hours

PO 305 Alabama Government. This course examines the structure and operation of state and local government in Alabama. At the state level, particular emphasis is placed on the work of the legislature and state agencies. At the local level, problems faced by governments in Huntsville, Decatur, Athens, and Birmingham are given special attention. 5 quarter hours

PO 319 Introduction to International Commerce. This course examines the international economic system and the challenges faced by multinational corporations in the conduct of international business. Special attention is given to the mechanics of importing and exporting, international finance, and private international law. 5 quarter hours

PO 351 Political Sociology. The purpose of this course is to see what Federal, State, and Local governments are doing to solve major social problems, such as poverty, crime, and minority group relations. Also listed as SO 351. 5 quarter hours

PO 353 Comparative Political Systems. This course will examine the theory of comparative government as well as government and politics in Western Europe, Asia, Africa, and Latin America. 5 quarter hours

PO 354 Communist Area Studies. This course looks at the history, geography, and current political systems in the Soviet Union, Eastern Europe, and Communist China. Some attention will be given to Cuba and other small communist states. (Also listed as HY 354.) 5 quarter hours

PO 356 American Foreign Policy. This is a study of the historical framework of American Foreign Policy from the American Revolution to the present. The major themes of diplomacy will be discussed. The economic, military, and political dimensions will be stressed. 5 quarter hours

PO 358 Public Administration. This course is designed to acquaint the student with the basic principles of public administration and the structure and programs of the Federal Bureaucracy. Public administrators will be invited to relate their experiences and problems at a few sessions. Prerequisite: American Government. Also listed as BU 358. 5 quarter hours

PO 360 Constitutional Law. A course concerned principally with the unique role of the United States Supreme Court as a policy making body in the American governmental system and with the constitution as a major source of law. 5 quarter hours

PO 453 International Politics. A survey of the basic characteristics and theories of the international system. Special emphasis is placed on regional and international organization, international law, international economics, and international cooperation. 5 quarter hours

GEOGRAPHY (GO)

Below are the course offerings in the Social Science/Geography area for the student interested in the technical social science degree program.

GO 309 World Regional Geography. A comprehensive treatment of both the physical and cultural element of the Eastern hemisphere. A treatment that will impart an understanding to the student why some groups prosper and others do not. 5 quarter hours

GO 311 Economic Geography. Analysis of the origins, nature and distributions of man's economic activities over the world. Elementary models of economic patterns, processes, and relationships in geographic space. The relation of these factors to the present position of the nations of the world. 5 quarter hours

GO 320 Anglo-American Geography. A systematic approach to the examination of the modern geography of the United States and Canada, but on each topic regional patterns and variations are probed for an overall view of Anglo-America. 5 quarter hours

ADMINISTRATION AND CONTROL

This institution is under the control of the State Board of Education through the State Superintendent of Education, and is operated in accordance with approved standards.

ALABAMA STATE BOARD OF EDUCATION

Governor Fob James - President
Dr. Wayne Teague - Superintendent of Education
Executive Officer and Secretary

ALABAMA STATE BOARD OF EDUCATION

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THE ADMINISTRATIVE OFFICERS

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Ewell P. Smith, B.S., M.A. ..... *Business Manager*
Larry McCoy, B.S., M.A.T. ..... *Director of Admissions, Records and Financial Aid*
Robert Collins, M.A.T. ..... *Director of Student Life*

ADMINISTRATIVE STAFF

Shirley Williams, B.S. ..... *Chief Accountant*
Richard Coffee B.S. ..... *Director of Physical Plant and Federal Programs*
James D. Ballew, B.S., M.A., L.Sc. ..... *Librarian*
Dee Bauer, B.S., M.A. ..... *Director of Public Relations*
Arnold Green, B.S. ..... *Admissions Counselor*
Robert Johnson, B.S. ..... *Financial Aid*
Ruth Lutz Whitten, B.S., M.L.S. ..... *Assistant Librarian*
Martha A. Porter ..... *Executive Secretary to the President*
Trannie Gordon ..... *Admissions Counselor*
John Wayne King ..... *Admissions Counselor*
Oba Belcher, B.S., M.Ed. ..... *Director/Athletics & Placement*

James M. Roe, Jr. ..... *Coordinator of Computer Sciences*
Angeline Nazaretian, Ed.D. ..... *Director/Campus-Recreation-Alumni Affairs*
Charles West, B.A., M.Div., D.Min., ... *Evening Academic Coordinator*
Patricia Jane Shaw, B.S., Ed., M.Ed. ..... *Registrar*
Robert Burkhardt, B.S., M.S. ..... *Assistant Librarian*
Harden Wesley, B.S., M.Ed. ..... *Visual Aids and Media*

ADMINISTRATIVE SUPPORT STAFF

Erie Allen ..... *Head Dormitory Resident*
Imogene Anerton ..... *Head Dormitory Resident*
Pat Craig ..... *Secretary-Ed.Div.*
Gina Hanserd ..... *Secretary, Development Office*
Margaret Oliver ..... *Veterans Affairs Counselor*
Elizabeth Elliott ..... *Faculty Secretary*
Sharon Pepper ..... *Secretary, Student Affairs*
Sandra Garner ..... *Secretary to the Business Office*
Betty Lou Marks ..... *Faculty Secretary*
Shirley Holden ..... *Cashier-Bookkeeper*
Virginia Holder ..... *Manager, College Bookstore*
Ann Hughes ..... *Data Processor*
Joyce Lenox, A.A., B.S. ..... *Accountant*
Debbie Lovell ..... *Receiving Clerk*
Linda Rogers ..... *Secretary to the Academic Dean*
Sherry Schrimsher ..... *Clerk-Records*
E. Gayle Romine, B.S. ..... *Secretary-Counselor, Business Division*
Debbie Thomas ..... *Junior Accountant*
Gladys B. Ward ..... *Clerk, Library*
Beverly Pack ..... *Switchboard Operator and Manager College Post Office*
Jenny Usery ..... *Cashier-Bookkeeper*
Kathy Jarrett ..... *Secretary-Admissions Office*
Barbara Goodin, B.A. ..... *Secretary-Library*
Karen Thomas ..... *Clerk-Bookstore*
Nacedah McPeters ..... *Clerk-Records*
Charley Smith ..... *Clerk-Bookstore*

FULL-TIME FACULTY

Dora Ashford
Assistant Professor of Education
B.S., Alabama State; M.Ed., Oklahoma University; additional study, Atlanta University and Alabama A & M

James D. Ballew
Associate Professor of Education
B.S., Athens College; M.A., L.Sc., George Peabody College; additional study, Georgia School of Technology

Jerry F. Bartlett
Professor of Business Administration
B.S., Florence State; J.D., Cumberland School of Law, Samford University

Oba E. Belcher
Associate Professor of Physical Education
B.S., Florence State College; M.Ed., Auburn University; additional study, George Peabody College, University of Alabama

Barbara J. Brooks
Associate Professor of Secretarial Science
A.B., University of Wichita; M.A., University of Alabama; M.A., George Peabody College; additional study, University of Alabama

O. S. (Sandy) Campbell
Assistant Professor of Business Administration
A.A., Martin College; B.A., M.A.S., University of Alabama in Huntsville

Mildred Witt Caudle
Associate Professor of History
B.A., Athens College; M.A., George Peabody College; Ph.D., University of Alabama

Vincent R. Colane
Associate Professor of Business Administration
B.A., Brooklyn College; L.D., Fordham University; additional study, Canisius College

Curtis D. Coleman
Associate Professor of Religion and Philosophy
B.A., Huntingdon College; M.Div., Emory University, D.Min., Vanderbilt University

Gene O. Ermert
Professor of Business Administration
B.A., Ouachita University; M.S. in Ec. Baylor University; Ed.D., North Texas State University; Post doctoral study Auburn University, University of Alabama

Azalia S. Francis
Professor of Education
B.A., Athens College; M.A., Ed.D., George Peabody College

Betty Jo Fuller
Associate Professor of Physical Education
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Additional Study—New York U., Florida State, Colorado, Univ. of Washington

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Associate Professor of Art
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B.S., Austin Peay State Univ., Graduate Study, Florida State University

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B.A., Birmingham-Southern College; M.Div. and D.Min., Vanderbilt University

Gary L. Workman
Associate Professor
B.S., The College of William and Mary; Ph.D., University of Rochester

1980

JANUARY

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